

Regenerated Cellulose Market by Type (Fibers (Viscose, Lyocell, Modal), Films), Manufacturing Process, Source, End-user Industry (Fabrics, Automotive, Agriculture, Packaging) and Region (North America, Europe, APAC, Rest of the World) - Forecast to 2027

Market Report | 2022-09-12 | 289 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The Regenerated Cellulose market size is estimated to be USD 18.0 Billion in 2022 and is projected to reach USD 27.3 Billion by 2027, at a CAGR of 8.7%. The regenerated cellulose can be used either as fibers or as a film. These fibers are further segmented into various types such as viscose, modal, lyocell, and others, all can be made using different chemical processes. The properties such as highly absorbent, easily washable, soft, smooth, comfortable to wear, good draping ability, and others are widely used to find applications in various end-use industries.

Owing to the recovery of several end-use industries such as fabric, automotive, and agriculture, from the COVID-19 pandemic, and the increasing demand for fashionable items and penetration of electric vehicles (EVs) worldwide is projected to increase the demand for regenerated cellulose in the forecast period.

By Type, Fibers segment accounted for the highest CAGR during the forecast period

Fibers are estimated to be the fastest growing market during the forecast period owing to rising demand for eco-friendly products which helps to enhance sustainability. The regenerated cellulosic fibers have some excellent properties such as high wet tenacity, good absorbency, soft, lustrous, easily dyeable, biodegradability, good drape ability, and others which helps them to use as an alternative to synthetic fibers.

By End Use Industry, Fabric Industry accounted for the highest CAGR during the forecast period

Fabric Industry is estimated to be the fastest growing market for regenerated cellulose market due to the increasing usage of the

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

wide variety of fashionable dresses, ethnic wear, inner wear, outerwear, sportswear, beddings, rugs, draperies, carpets, curtains, blankets, cushions, and many more. As these fabrics are very comfortable, soft, and lustrous, have good breathability, good absorbency, and others, which help to increase the usage of the regenerated cellulose.

By Manufacturing Process, NMMO process accounted for the highest CAGR during the forecast period
NMMO process is the fastest growing manufacturing process market segment owing to the increase in the demand for lyocell fibres in several end-use industries such as fabrics and automotive.

By Source, Recycled/De-inked Pulp accounted for the highest CAGR during the forecast period
Recycled/ De-inked pulp is the fastest growing source segment. Increasing issue of deforestation due to excessive cutting of trees and rising problem of soil erosion has leads to the scarcity of wood pulp in some regions such as Asia Pacific, and Europe. Therefore, the demand for regenerated cellulose derived from recycled pulp is rapidly growing in these regions.

APAC is projected to account for the highest CAGR in the regenerated cellulose market during the forecast period
APAC is estimated to be the fastest growing market for regenerated cellulose during the forecast period. Regenerated Cellulose markets are estimated to register significant growth in India, China, and Japan, due to their strong demand from end-use industries such as fabric, automotive, agriculture, packaging, and others. The growth of the Asia Pacific regenerated cellulose market is driven by the economic growth of countries such as China and India. Increasing awareness regarding sustainability, eco-friendly, and other end-use industries in the region supports the growth of the market. Moreover, the growing demand from major end-use industries in the region further boosts the growth of the regenerated cellulose market.

The Regenerated Cellulose market includes major manufacturers such as Sateri (China), Sateri, Lenzing AG (Austria), Grasim Industries Limited (India), Kelheim Fibres GmbH (Germany), Fulida Group (China), and Eastman Chemical Company (US) are the key players operating in the regenerated cellulose market. Expansions, acquisitions, joint ventures, and new product developments are some of the major strategies selected by these key players to boost their positions in the regenerated cellulose market.

By Company Type: Tier 1: 40%, Tier 2: 20%, and Tier 3: 40%

By Designation: C-level Executives: 20%, Directors: 20%, and Others: 60%

By Region: North America: 40%, Europe: 40%, Asia Pacific: 15%, Rest of the World: 5%

Research Coverage

The market study covers the Regenerated Cellulose market across various segments. It aims at estimating the market size and the growth potential of this market across different segments based on Source, manufacturing process, application, type, and region. The study also includes an in-depth competitive analysis of key players in the market, their company profiles, key observations related to their products and business offerings, recent developments undertaken by them, and key growth strategies adopted by them to improve their position Regenerated Cellulose market.

Key Benefits of Buying the Report

The report is expected to help the market leaders/new entrants in this market share the closest approximations of the revenue numbers of the overall Regenerated Cellulose market and its segments and sub-segments. This report is projected to help stakeholders understand the competitive landscape of the market, gain insights to improve the position of their businesses and plan suitable go-to-market strategies. The report also aims at helping stakeholders understand the pulse of the market and provides them with information on the key market drivers, challenges, and opportunities.

Table of Contents:

1 INTRODUCTION 51

1.1 STUDY OBJECTIVES 51

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

1.2	MARKET DEFINITION	51
1.3	INCLUSIONS AND EXCLUSIONS	52
1.4	STUDY SCOPE	52
1.4.1	REGENERATED CELLULOSE MARKET SEGMENTATION	52
1.4.2	GEOGRAPHIC SCOPE	53
1.4.3	YEARS CONSIDERED	53
1.5	CURRENCY CONSIDERED	54
1.6	UNIT CONSIDERED	54
1.7	LIMITATIONS	54
1.8	STAKEHOLDERS	54
2	RESEARCH METHODOLOGY	55
2.1	RESEARCH DATA	55
FIGURE 1	REGENERATED CELLULOSE MARKET: RESEARCH DESIGN	55
2.1.1	SECONDARY DATA	56
2.1.1.1	Critical secondary inputs	56
2.1.2	PRIMARY DATA	56
2.1.2.1	Critical primary inputs	57
2.1.2.2	Key data from primary sources	57
2.1.2.3	Key industry insights	58
2.1.2.4	Breakdown of primary interviews	58
2.2	MARKET SIZE ESTIMATION	59
2.2.1	SUPPLY SIDE: VALIDATING MARKET SIZE OF KEY PLAYERS	59
FIGURE 2	MARKET SIZE ESTIMATION: SUPPLY-SIDE ANALYSIS	60
2.2.2	BOTTOM-UP MARKET SIZE ESTIMATION: ESTIMATING OVERALL DEMAND BY CALCULATING MARKET SHARE OF EACH COUNTRY	60
FIGURE 3	MARKET SIZE ESTIMATION: BOTTOM-UP ANALYSIS	61
2.3	DATA TRIANGULATION	62
FIGURE 4	REGENERATED CELLULOSE MARKET: DATA TRIANGULATION	62
2.4	RESEARCH ASSUMPTIONS	63
3	EXECUTIVE SUMMARY	64
TABLE 1	REGENERATED CELLULOSE MARKET SNAPSHOT	64
FIGURE 5	FIBERS SEGMENT ACCOUNTED FOR LARGER SHARE OF REGENERATED CELLULOSE MARKET IN 2021	65
FIGURE 6	VISCOSE FIBERS ACCOUNTED FOR LARGEST MARKET SHARE IN 2021	66
FIGURE 7	FABRICS SEGMENT ACCOUNTED FOR LARGER MARKET SHARE THAN AUTOMOTIVE SEGMENT IN 2021	66
FIGURE 8	VISCOSE MANUFACTURING PROCESS CAPTURED LARGER MARKET SHARE THAN NMMO PROCESS IN 2021	67
FIGURE 9	WOOD PULP SEGMENT ACCOUNTED FOR LARGER MARKET SHARE THAN NON-WOOD PULP SEGMENT IN 2021	67
FIGURE 10	ASIA PACIFIC CAPTURED LARGEST SHARE OF REGENERATED CELLULOSE MARKET IN 2021	68
4	PREMIUM INSIGHTS	69
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN REGENERATED CELLULOSE MARKET	69
FIGURE 11	RISING DEMAND FOR MAN-MADE FIBERS IN FABRICS INDUSTRY TO DRIVE MARKET GROWTH	69
4.2	REGENERATED CELLULOSE MARKET IN ASIA PACIFIC, BY TYPE AND COUNTRY	70
FIGURE 12	FIBERS AND CHINA ACCOUNTED FOR LARGEST SHARE OF REGENERATED CELLULOSE MARKET, BY TYPE AND COUNTRY, RESPECTIVELY, IN 2021	70
4.3	REGENERATED CELLULOSE MARKET FOR KEY COUNTRIES	70
FIGURE 13	SOUTH AFRICA TO REGISTER HIGHEST CAGR IN GLOBAL REGENERATED CELLULOSE MARKET	70
5	MARKET OVERVIEW	71
5.1	INTRODUCTION	71

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.2 MARKET DYNAMICS 71

FIGURE 14 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN REGENERATED CELLULOSE MARKET 71

5.2.1 DRIVERS 72

5.2.1.1 Surging use of man-made cellulosic fibers in textile and apparel products 72

5.2.1.2 Increasing focus of automotive industry on reducing carbon footprint 72

FIGURE 15 GLOBAL MOTOR VEHICLE PRODUCTION, 2006-2021 (UNITS) 73

5.2.1.3 Rising demand for biofibers having minimal resistance to environmental degradation 73

5.2.1.4 Increasing adoption of rayon as substitute for silk and cotton 74

5.2.2 RESTRAINTS 74

5.2.2.1 Scarcity of raw materials, along with capital-intensive business operations 74

5.2.2.2 Availability of cheaper substitutes such as synthetic fibers 74

5.2.3 OPPORTUNITIES 75

5.2.3.1 Adoption of new technologies to produce and dissolve regenerated cellulose 75

5.2.3.2 Use of regenerated cellulose fibers in personal care and hygiene products 75

5.2.4 CHALLENGES 75

5.2.4.1 Stringent rules and regulations with respect to cellulose acetate products 75

5.2.5 INDUSTRY TRENDS 76

5.2.5.1 Rising focus of manufacturing firms on achieving net-zero emission targets by 2050 76

5.3 PORTER'S FIVE FORCES ANALYSIS 77

FIGURE 16 REGENERATED CELLULOSE MARKET: PORTER'S FIVE FORCES ANALYSIS 77

5.3.1 BARGAINING POWER OF SUPPLIERS 77

5.3.2 BARGAINING POWER OF BUYERS 78

5.3.3 INTENSITY OF COMPETITIVE RIVALRY 78

5.3.4 THREAT OF NEW ENTRANTS 78

5.3.5 THREAT OF SUBSTITUTES 78

TABLE 2 REGENERATED CELLULOSE MARKET: PORTER'S FIVE FORCES ANALYSIS 79

5.4 PATENT ANALYSIS 79

FIGURE 17 NUMBER OF GRANTED PATENTS, BY REGENERATED CELLULOSE FIBER TYPE, 2015-2021 79

FIGURE 18 JURISDICTION-WISE GRANTED PATENTS TILL DATE, BY FIBER TYPE 80

TABLE 3 NUMBER OF GRANTED, APPLIED, AND LIMITED PATENTS, BY FIBER TYPE (TILL 2020) 80

TABLE 4 PATENT DETAILS 81

5.5 KEY EXPORTING AND IMPORTING COUNTRIES 82

TABLE 5 GLOBAL AND TOP COUNTRIES IMPORTING VISCOSE FIBERS, 2017-2021 (TON) 82

TABLE 6 GLOBAL AND TOP COUNTRIES EXPORTING VISCOSE FIBERS, 2017-2021 (TON) 83

TABLE 7 GLOBAL AND TOP COUNTRIES IMPORTING ACETATE FIBERS, 2017-2021 (TON) 83

TABLE 8 GLOBAL AND TOP COUNTRIES EXPORTING ACETATE FIBERS, 2017-2021 (TON) 83

TABLE 9 INTENSITY OF TRADE, BY KEY COUNTRY 84

5.6 CASE STUDY ANALYSIS 85

5.7 SUPPLY CHAIN ANALYSIS 85

FIGURE 19 SUPPLY CHAIN OF REGENERATED CELLULOSE MARKET 85

5.8 PRICING ANALYSIS 86

FIGURE 20 AVERAGE SELLING PRICE OF REGENERATED CELLULOSE, BY REGION, 2021 (USD/TON) 86

TABLE 10 AVERAGE SELLING PRICE OF REGENERATED CELLULOSE, BY TYPE AND REGION, 2021 (USD/TON) 87

5.9 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 87

FIGURE 21 FOCUS ON SUSTAINABLE DEVELOPMENT WILL BRING CHANGE IN FUTURE REVENUE MIX 87

5.10 KEY CONFERENCES AND EVENTS, 2022-2023 88

5.11 MACROECONOMIC INDICATORS 88

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.11.1 GLOBAL GDP OUTLOOK 88

TABLE 11 WORLDWIDE GDP GROWTH PROJECTION, 2019-2026 (USD BILLION) 89

5.12 KEY STAKEHOLDERS AND BUYING CRITERIA 90

5.12.1 KEY STAKEHOLDERS IN BUYING PROCESS 90

FIGURE 22 INFLUENCE OF STAKEHOLDERS IN TOP 3 END-USER INDUSTRIES ON BUYING PROCESS 90

TABLE 12 INFLUENCE OF STAKEHOLDERS IN TOP 3 END-USER INDUSTRIES ON BUYING PROCESS 90

5.12.2 BUYING CRITERIA 90

FIGURE 23 TOP 3 END-USER INDUSTRIES' BUYING CRITERIA 90

TABLE 13 KEY BUYING CRITERIA FOR TOP 3 END-USER INDUSTRIES 91

5.13 ADJACENT AND RELATED MARKETS 91

5.13.1 INTRODUCTION 91

5.13.2 LIMITATIONS 91

5.13.3 NON-WOVEN FABRICS MARKET 91

5.13.3.1 Market definition 91

5.13.3.2 Non-woven fabrics market, by application 92

TABLE 14 NON-WOVEN FABRICS MARKET, BY APPLICATION, 2018-2025 (USD MILLION) 92

TABLE 15 NON-WOVEN FABRICS MARKET, BY APPLICATION, 2018-2025 (KILOTON) 92

5.14 ECOSYSTEM MAP 93

5.15 TECHNOLOGY OVERVIEW 94

5.15.1 ACETATE 94

5.15.2 VISCOSE 94

5.15.3 MODAL 94

5.15.4 LYOCELL 95

5.16 REGULATIONS AND STANDARDS 96

TABLE 16 CURRENT STANDARD CODES FOR REGENERATED CELLULOSE 96

6 REGENERATED CELLULOSE FIBER MARKET, BY TYPE 97

6.1 INTRODUCTION 98

FIGURE 24 FIBERS SEGMENT TO LEAD REGENERATED CELLULOSE MARKET BETWEEN 2022 AND 2027 98

TABLE 17 REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) 98

TABLE 18 REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) 99

TABLE 19 REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) 99

TABLE 20 REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) 99

TABLE 21 REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (KILOTON) 99

TABLE 22 REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (KILOTON) 100

TABLE 23 REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 100

TABLE 24 REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 100

6.2 FIBERS 100

6.2.1 TEXTILE, PACKAGING, AND AUTOMOTIVE INDUSTRIES TO CONTRIBUTE MOST TO MARKET GROWTH 100

TABLE 25 FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 101

TABLE 26 FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 101

TABLE 27 FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 101

TABLE 28 FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 102

6.2.2 VISCOSE 102

6.2.2.1 Textile industry to witness high demand for viscose cellulose fibers 102

TABLE 29 VISCOSE FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 102

TABLE 30 VISCOSE FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 103

TABLE 31 VISCOSE FIBERS: REGENERATED CELLULOSE FIBER MARKET, BY REGION, 2015-2020 (USD MILLION) 103

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 32 MODAL FIBERS: REGENERATED CELLULOSE FIBER MARKET, BY REGION, 2021-2027 (USD MILLION) 103

6.2.3 MODAL 104

6.2.3.1 Fungus and shrinkage resistance qualities make modal fibers suitable for automotive applications 104

TABLE 33 MODAL FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 104

TABLE 34 MODAL FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 104

TABLE 35 MODAL FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 105

TABLE 36 MODAL FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 105

6.2.4 LYOCELL 105

6.2.4.1 Textile and pulp & paper industries to support demand for lyocell fibers 105

TABLE 37 LYOCELL FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 106

TABLE 38 LYOCELL FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 106

TABLE 39 LYOCELL FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 106

TABLE 40 LYOCELL FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 107

6.2.5 OTHERS 107

6.2.5.1 Acetate 107

6.2.5.2 Cupro 107

TABLE 41 OTHER FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 108

TABLE 42 OTHER FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 108

TABLE 43 OTHER FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 108

TABLE 44 OTHER FIBERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 109

?

6.3 FILMS 109

6.3.1 PACKAGING INDUSTRY TO WITNESS HIGH DEMAND FOR REGENERATED CELLULOSE FILMS 109

TABLE 45 FILMS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 109

TABLE 46 FILMS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 110

TABLE 47 FILMS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 110

TABLE 48 FILMS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 110

7 REGENERATED CELLULOSE MARKET, BY SOURCE 111

7.1 INTRODUCTION 112

FIGURE 25 WOOD PULP SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE THROUGHOUT FORECAST PERIOD 112

TABLE 49 REGENERATED CELLULOSE MARKET, BY SOURCE, 2015-2020 (KILOTON) 112

TABLE 50 REGENERATED CELLULOSE MARKET, BY SOURCE, 2021-2027 (KILOTON) 112

TABLE 51 REGENERATED CELLULOSE MARKET, BY SOURCE, 2015-2020 (USD MILLION) 113

TABLE 52 REGENERATED CELLULOSE MARKET, BY SOURCE, 2021-2027 (USD MILLION) 113

7.2 WOOD PULP 113

7.2.1 SUSTAINABLE, BIODEGRADABLE, AND RENEWABLE SOURCE USED TO PRODUCE CELLULOSIC FIBERS 113

TABLE 53 WOOD PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 113

TABLE 54 WOOD PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 114

TABLE 55 WOOD PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 114

TABLE 56 WOOD PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 114

7.3 NON-WOOD PULP 115

7.3.1 WOOD SCARCITY DUE TO DEFORESTATION PROMPTS USE OF NON-WOOD PULP 115

TABLE 57 NON-WOOD PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 115

TABLE 58 NON-WOOD PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 115

TABLE 59 NON-WOOD PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 116

TABLE 60 NON-WOOD PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 116

7.4 RECYCLED/DE-INKED PULP 116

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

7.4.1 ENABLES PRODUCTION OF SUSTAINABLE CELLULOSE AT LOWER COST 116

TABLE 61 RECYCLED PULP/DE-INKED PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 117

TABLE 62 RECYCLED PULP/DE-INKED PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 117

TABLE 63 RECYCLED PULP/DE-INKED PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 117

TABLE 64 RECYCLED PULP/DE-INKED PULP: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 118

8 REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS 119

8.1 INTRODUCTION 120

FIGURE 26 VISCOSE PROCESS TO CAPTURE LARGEST SHARE OF REGENERATED CELLULOSE MARKET BETWEEN 2022 AND 2027 120

TABLE 65 REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2015-2020 (KILOTON) 120

TABLE 66 REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2021-2027 (KILOTON) 121

TABLE 67 REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2015-2020 (USD MILLION) 121

TABLE 68 REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2021-2027 (USD MILLION) 121

8.2 VISCOSE 122

8.2.1 PROCESS INVOLVES USE OF WOOD PULP TO EXTRACT AND PURIFY CELLULOSE 122

TABLE 69 VISCOSE: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 122

TABLE 70 VISCOSE: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 122

TABLE 71 VISCOSE: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 123

TABLE 72 VISCOSE: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 123

8.3 CUPRAMMONIUM 123

8.3.1 USEFUL FOR PREPARING REGENERATED CELLULOSIC FIBERS FROM TEXTILE WASTE 123

TABLE 73 CUPRAMMONIUM: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 124

TABLE 74 CUPRAMMONIUM: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 124

TABLE 75 CUPRAMMONIUM: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 124

TABLE 76 CUPRAMMONIUM: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 125

8.4 N-METHYL-MORPHOLINE-N-OXIDE (NMMO) 125

8.4.1 ECO-FRIENDLY METHOD TO PRODUCE REGENERATED CELLULOSE FIBERS 125

TABLE 77 NMMO: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 125

TABLE 78 NMMO: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 126

TABLE 79 NMMO: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 126

TABLE 80 NMMO: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 126

8.5 ACETATE PRODUCTION 127

8.5.1 USE OF ACETATE FIBERS IN CIGARETTE FILTERS TO DRIVE MARKET 127

TABLE 81 ACETATE PRODUCTION: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 127

TABLE 82 ACETATE PRODUCTION: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 127

TABLE 83 ACETATE PRODUCTION: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 128

TABLE 84 ACETATE PRODUCTION: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 128

9 REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY 129

9.1 INTRODUCTION 130

FIGURE 27 FABRICS SEGMENT TO DOMINATE REGENERATED CELLULOSE MARKET THROUGHOUT FORECAST PERIOD 130

TABLE 85 REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) 131

TABLE 86 REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) 131

TABLE 87 REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) 131

TABLE 88 REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) 132

9.2 FABRICS 132

9.2.1 LIKELY TO COMMAND REGENERATED CELLULOSE MARKET THROUGHOUT FORECAST PERIOD 132

TABLE 89 FABRICS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 133

TABLE 90 FABRICS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 133

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 91 FABRICS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 133

TABLE 92 FABRICS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 134

9.3 AUTOMOTIVE 134

9.3.1 INCREASING TIRE PRODUCTION TO DRIVE MARKET 134

FIGURE 28 GLOBAL TIRE PRODUCTION, 2014-2021 (MILLION TON) 134

TABLE 93 AUTOMOTIVE: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 135

TABLE 94 AUTOMOTIVE: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 135

TABLE 95 AUTOMOTIVE: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 135

TABLE 96 AUTOMOTIVE: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 136

9.4 PACKAGING 136

9.4.1 STRINGENT REGULATIONS FOR PRODUCT PACKAGING TO SUPPORT MARKET GROWTH 136

TABLE 97 PACKAGING: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 136

TABLE 98 PACKAGING: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 137

TABLE 99 PACKAGING: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 137

TABLE 100 PACKAGING: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 137

9.5 AGRICULTURE 138

9.5.1 USE OF REGENERATED CELLULOSE AS REPLACEMENT FOR PLASTIC 138

TABLE 101 AGRICULTURE: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 138

TABLE 102 AGRICULTURE: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 138

TABLE 103 AGRICULTURE: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 138

TABLE 104 AGRICULTURE: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 139

9.6 OTHERS 139

TABLE 105 OTHERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 139

TABLE 106 OTHERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 140

TABLE 107 OTHERS: REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 140

TABLE 108 OTHERS: REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 140

10 REGENERATED CELLULOSE MARKET, BY REGION 141

10.1 INTRODUCTION 142

FIGURE 29 REGIONAL SNAPSHOT: RAPIDLY GROWING MARKETS ARE EMERGING AS NEW HOTSPOTS 142

TABLE 109 REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (KILOTON) 143

TABLE 110 REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (KILOTON) 143

TABLE 111 REGENERATED CELLULOSE MARKET, BY REGION, 2015-2020 (USD MILLION) 143

TABLE 112 REGENERATED CELLULOSE MARKET, BY REGION, 2021-2027 (USD MILLION) 144

10.2 ASIA PACIFIC 144

FIGURE 30 ASIA PACIFIC: REGENERATED CELLULOSE MARKET SNAPSHOT 145

TABLE 113 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY COUNTRY, 2015-2020 (KILOTON) 145

TABLE 114 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY COUNTRY, 2021-2027 (KILOTON) 146

TABLE 115 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY COUNTRY, 2015-2020 (USD MILLION) 146

TABLE 116 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY COUNTRY, 2021-2027 (USD MILLION) 146

TABLE 117 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) 147

TABLE 118 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) 147

TABLE 119 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) 147

TABLE 120 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) 147

TABLE 121 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 148

TABLE 122 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 148

TABLE 123 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 148

TABLE 124 ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 149

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 125	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON)	149
TABLE 126	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON)	149
TABLE 127	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION)	150
TABLE 128	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION)	150
TABLE 129	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2015-2020 (KILOTON)	150
TABLE 130	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2021-2027 (KILOTON)	151
TABLE 131	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2015-2020 (USD MILLION)	151
TABLE 132	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2021-2027 (USD MILLION)	151
TABLE 133	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY SOURCE, 2015-2020 (KILOTON)	152
TABLE 134	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY SOURCE, 2021-2027 (KILOTON)	152
TABLE 135	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY SOURCE, 2015-2020 (USD MILLION)	152
TABLE 136	ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY SOURCE, 2021-2027 (USD MILLION)	152
10.2.1	CHINA	153
10.2.1.1	Rising production of EVs to spur demand for regenerated cellulose	153
TABLE 137	CHINA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON)	153
TABLE 138	CHINA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON)	153
TABLE 139	CHINA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION)	154
TABLE 140	CHINA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION)	154
TABLE 141	CHINA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION)	154
TABLE 142	CHINA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION)	154
TABLE 143	CHINA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION)	155
TABLE 144	CHINA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION)	155
TABLE 145	CHINA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON)	155
TABLE 146	CHINA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON)	156
TABLE 147	CHINA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION)	156
TABLE 148	CHINA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION)	156
10.2.2	JAPAN	157
10.2.2.1	Strong focus of apparel brands on production capacity expansion to boost market	157
TABLE 149	JAPAN: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON)	157
TABLE 150	JAPAN: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON)	157
TABLE 151	JAPAN: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION)	158
TABLE 152	JAPAN: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION)	158
TABLE 153	JAPAN: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (KILOTON)	158
TABLE 154	JAPAN: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (KILOTON)	158
TABLE 155	JAPAN: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION)	159
TABLE 156	JAPAN: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION)	159
TABLE 157	JAPAN: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON)	159
TABLE 158	JAPAN: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON)	160
TABLE 159	JAPAN: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION)	160
TABLE 160	JAPAN: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION)	160
10.2.3	PAKISTAN	161
10.2.3.1	Rising export of textile products to fuel demand for regenerated cellulose	161
TABLE 161	PAKISTAN: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON)	161
TABLE 162	PAKISTAN: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON)	161
TABLE 163	PAKISTAN: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION)	161
TABLE 164	PAKISTAN: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION)	162
TABLE 165	PAKISTAN: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (KILOTON)	162

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 166 PAKISTAN: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (KILOTON) 162
TABLE 167 PAKISTAN: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 162
TABLE 168 PAKISTAN: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 163
TABLE 169 PAKISTAN: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) 163
TABLE 170 PAKISTAN: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) 163
TABLE 171 PAKISTAN: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) 164
TABLE 172 PAKISTAN: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) 164
10.2.4 INDIA 164

10.2.4.1 China Plus One strategy to prove beneficial for Indian textile 164

FIGURE 31 AUTOMOBILE PRODUCTION IN INDIA, 2019-2021 (MILLION) 165

TABLE 173 INDIA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) 165

TABLE 174 INDIA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) 166

TABLE 175 INDIA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) 166

TABLE 176 INDIA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) 166

TABLE 177 INDIA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (KILOTON) 166

TABLE 178 INDIA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (KILOTON) 167

TABLE 179 INDIA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 167

TABLE 180 INDIA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 167

TABLE 181 INDIA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) 168

TABLE 182 INDIA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) 168

TABLE 183 INDIA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) 168

TABLE 184 INDIA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) 169

10.2.5 INDONESIA 169

10.2.5.1 High textile production to create opportunities for market players 169

TABLE 185 INDONESIA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) 170

TABLE 186 INDONESIA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) 170

TABLE 187 INDONESIA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) 170

TABLE 188 INDONESIA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) 170

TABLE 189 INDONESIA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 171

TABLE 190 INDONESIA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 171

TABLE 191 INDONESIA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 171

TABLE 192 INDONESIA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 172

TABLE 193 INDONESIA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) 172

TABLE 194 INDONESIA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) 172

TABLE 195 INDONESIA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) 173

TABLE 196 INDONESIA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) 173

10.2.6 REST OF ASIA PACIFIC 173

TABLE 197 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) 174

TABLE 198 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) 174

TABLE 199 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) 174

TABLE 200 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) 174

TABLE 201 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (KILOTON) 175

TABLE 202 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (KILOTON) 175

TABLE 203 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 175

TABLE 204 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 176

TABLE 205 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) 176

TABLE 206 REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) 176

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 207 □ REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) □ 177

TABLE 208 □ REST OF ASIA PACIFIC: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) □ 177

10.3 □ NORTH AMERICA □ 177

FIGURE 32 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET SNAPSHOT □ 178

TABLE 209 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY COUNTRY, 2015-2020 (KILOTON) □ 178

TABLE 210 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY COUNTRY, 2021-2027 (KILOTON) □ 179

TABLE 211 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY COUNTRY, 2015-2020 (USD MILLION) □ 179

TABLE 212 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY COUNTRY, 2021-2027 (USD MILLION) □ 179

TABLE 213 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) □ 179

TABLE 214 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) □ 180

TABLE 215 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) □ 180

TABLE 216 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) □ 180

TABLE 217 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) □ 180

TABLE 218 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) □ 181

TABLE 219 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) □ 181

TABLE 220 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) □ 181

TABLE 221 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) □ 182

TABLE 222 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) □ 182

TABLE 223 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) □ 182

TABLE 224 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) □ 183

TABLE 225 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2015-2020 (KILOTON) □ 183

TABLE 226 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2021-2027 (KILOTON) □ 183

TABLE 227 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2015-2020 (USD MILLION) □ 184

TABLE 228 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY MANUFACTURING PROCESS, 2021-2027 (USD MILLION) □ 184

TABLE 229 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY SOURCE, 2015-2020 (KILOTON) □ 184

TABLE 230 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY SOURCE, 2021-2027 (KILOTON) □ 185

TABLE 231 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY SOURCE, 2015-2020 (USD MILLION) □ 185

TABLE 232 □ NORTH AMERICA: REGENERATED CELLULOSE MARKET, BY SOURCE, 2021-2027 (USD MILLION) □ 185

10.3.1 □ US □ 185

10.3.1.1 □ Thriving fabrics and automotive industries to drive market growth □ 185

TABLE 233 □ US: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) □ 186

TABLE 234 □ US: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) □ 186

TABLE 235 □ US: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) □ 187

TABLE 236 □ US: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) □ 187

TABLE 237 □ US: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (KILOTON) □ 187

TABLE 238 □ US: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (KILOTON) □ 187

TABLE 239 □ US: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) □ 188

TABLE 240 □ US: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) □ 188

TABLE 241 □ US: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) □ 188

TABLE 242 □ US: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) □ 189

TABLE 243 □ US: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) □ 189

TABLE 244 □ US: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) □ 189

10.3.2 □ CANADA □ 190

10.3.2.1 □ Increasing investments in fabrics industry to drive market □ 190

TABLE 245 □ CANADA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) □ 190

TABLE 246 □ CANADA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) □ 190

TABLE 247 □ CANADA: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) □ 191

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

TABLE 248 CANADA: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) 191

TABLE 249 CANADA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (KILOTON) 191

TABLE 250 CANADA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (KILOTON) 191

TABLE 251 CANADA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 192

TABLE 252 CANADA: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 192

TABLE 253 CANADA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) 192

TABLE 254 CANADA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) 193

TABLE 255 CANADA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) 193

TABLE 256 CANADA: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) 193

10.3.3 MEXICO 194

10.3.3.1 Faster adoption of fashion clothes by young population to boost market 194

TABLE 257 MEXICO: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (KILOTON) 194

TABLE 258 MEXICO: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (KILOTON) 194

TABLE 259 MEXICO: REGENERATED CELLULOSE MARKET, BY TYPE, 2015-2020 (USD MILLION) 194

TABLE 260 MEXICO: REGENERATED CELLULOSE MARKET, BY TYPE, 2021-2027 (USD MILLION) 195

TABLE 261 MEXICO: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (KILOTON) 195

TABLE 262 MEXICO: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (KILOTON) 195

TABLE 263 MEXICO: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2015-2020 (USD MILLION) 195

TABLE 264 MEXICO: REGENERATED CELLULOSE MARKET, BY FIBER TYPE, 2021-2027 (USD MILLION) 196

TABLE 265 MEXICO: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (KILOTON) 196

TABLE 266 MEXICO: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (KILOTON) 196

TABLE 267 MEXICO: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2015-2020 (USD MILLION) 197

TABLE 268 MEXICO: REGENERATED CELLULOSE MARKET, BY END-USER INDUSTRY, 2021-2027 (USD MILLION) 197

**Regenerated Cellulose Market by Type (Fibers (Viscose, Lyocell, Modal), Films),
Manufacturing Process, Source, End-user Industry (Fabrics, Automotive, Agriculture,
Packaging) and Region (North America, Europe, APAC, Rest of the World) - Forecast
to 2027**

Market Report | 2022-09-12 | 289 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Zip Code*

Country*

Date

2026-03-05

Signature

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com