

Hindered Amine Light Stabilizers (HALS) Market Report and Forecast 2025-2034

Market Report | 2025-07-14 | 165 pages | EMR Inc.

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Report description:

The global hindered amine light stabilizers (HALS) market size reached nearly USD 1.27 Billion in 2024. The market is projected to grow at a CAGR of 7.30% between 2025 and 2034 to reach a value of around USD 2.57 Billion by 2034.

Key Trends in the Market

Hindered amine light stabilizer (HALS) refers to a class of antioxidants which provides long-term protection and stability to polymers and plastics. This type of compound is a derivative of tetramethylpiperidine.

- Hindered amine light stabilizers (HALS) are extremely efficient stabilizers for polymers, such as polyolefins. Hence, the increasing demand for these polymers in industrial and medical applications is driving the hindered amine light stabilizers (HALS) market growth.
- Heightening demand for hindered amine light stabilizers (HALS) to protect automotive components from UV degradation is a crucial trend in the market. In line with this, the escalating sales of hybrid and electric automobiles are further fuelling the demand for hindered amine light stabilizers (HALS).
- Growing investments in the packaging sector to cater to high-quality packaging demands from diverse sectors, such as e-commerce and healthcare, are expected to be a crucial hindered amine light stabilizers (HALS) market trend. Hindered amine light stabilizers (HALS) are used in packaging materials to prevent the formation of nitrogen radicals.

Market Segmentation

The EMR's report titled "Hindered Amine Light Stabilizers (HALS) Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

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Market Breakup by Product Type

- Polymeric
- Monomeric
- Oligomeric

Market Breakup by Application

- Plastics
- Paints and Coatings
- Adhesives and Sealants
- Others

Market Breakup by End-User Industry

- Packaging
- Automotive
- Agriculture
- Films
- Construction
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Market Share by Product Type

The polymeric segment accounts for a significant portion of the hindered amine light stabilizers (HALS) market share. Polymeric stabilizers are additives which enhance the long-term stability of a polymer, improve its performance and colour, and increase its tuneability for custom needs. In addition, polymeric stabilizers are available in various forms such as granules, sprayed prills, and pastilles to enable easy dispersion while activating free-flowing properties.

Market Share by End-user Industry

According to the hindered amine light stabilizers (HALS) market analysis, the construction sector is likely to represent a significant market share. This can be attributed to the well-established applications of polymers in building development, such as flooring, window making, cladding, and manufacturing pipes and membranes, among others. Over the forecast period, rapid urbanisation and infrastructure development across emerging economies are likely to bolster the segment's growth.

Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with

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giving a SWOT analysis. The report gives a detailed analysis of the key players in the global hindered amine light stabilizers (HALS) market, covering their competitive landscape and latest developments like mergers, acquisitions, investments and expansion plans.

Adeka Corporation

Adeka Corporation is a leading chemical company which manufactures and sells polymer additives, such as hindered amine light stabilizers. It was founded in 1917 and is headquartered in Tokyo, Japan.

BASF SE

BASF SE is one of the largest chemical manufacturers involved in the production, marketing, and sales of chemicals, plastics, and polymers, among others. It was established in 1865 and is headquartered in Ludwigshafen, Germany.

Chitec Technology Co., Ltd

Chitec Technology Co., Ltd is a leading chemical manufacturer which focuses on the research and development of speciality chemicals and stabilizers. The company was founded in 1998 and is headquartered in Taipei, Taiwan.

Other hindered amine light stabilizers (HALS) market players include Clariant AG, Everlight Chemical Industrial Corporation, Mayzo, Inc., SABO S.p.a, Solvay S.A., MPI Chemie B.V., and Arkema S.A, among others.

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