

Nucleating and Clarifying Agents Market by Agent Type (Nucleating Agents, Clarifying Agents), Form (Powder, Granules, Liquid), Polymer (PP, PE, PET), Application (Packaging, Consumer Products) and Region - Global Forecast to 2027

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Abstracts

Nucleating and clarifying agents market is expected to reach at USD 504 million in 2027 at a CAGR of 7.3% during the forecast period. The rise in the consumption of polymers has led to the increased usage of nucleating agents for the manufacture of products for various applications. The use of nucleating agents helps enhance the mechanical and optical properties of products and reduces production cycle time. This is expected to increase the demand for nucleating and clarifying agents for optimal production and energy-efficient use.

“By agent type, nucleating agents accounted for second-largest market share for nucleating and clarifying agents market, in terms of volume, in 2021”

Nucleating agents are plastic additives used to promote the crystallization of semi-crystalline polymers. When these additives are exposed to temperatures at which the polymer begins to melt, they form a heterogeneous surface over the polymer melt, accelerating the crystallization process. Nucleating agents are also used majorly in polypropylene, including homo and random copolymers.

“Consumer products is expected to be the second-fastest growing application for nucleating and clarifying agents market during the forecast period, in terms of value”

The different variants of plastics that are used in the manufacture of consumer products include polyethylene (PE), polypropylene (PP), and polyethylene terephthalate (PET).

Additives are used to enhance the chemical and physical properties of plastic products. One such additive includes nucleating and clarifying agents. These agents impart enhanced mechanical and optical properties to the final products. Such products include personal care and household products. The segment is projected to grow at second-highest CAGR, in terms of value, during the forecast period.

“Based on region, Europe region was the largest market for nucleating and clarifying agents in 2021, in terms of volume.”

Europe was the largest market for global nucleating and clarifying agents, in terms of volume, in 2021. Rising disposable income in developed countries such as Germany, France and UK is expected to drive demand for high quality and specialty cosmetics. This will drive demand for efficient production of polymers used for manufacturing these consumer goods. Thus, the use of nucleating and clarifying agents is expected to increase for a better production rate and improved physical properties.

In the process of determining and verifying the market size for several segments and subsegments identified through secondary research, extensive primary interviews were conducted. A breakdown of the profiles of the primary interviewees are as follows:

By Company Type: Tier 1 - 69%, Tier 2 - 23%, and Tier 3 - 8%

By Designation: C-Level - 23%, Director Level - 37%, and Others - 40%

By Region: North America - 32%, Europe - 21%, APAC - 28%, Middle East & Africa-12%, and South America-7%

The key players in this market are include Milliken & Company (U.S.), ADEKA Corporation (Japan), Imerys S.A. (France), Shandong Rainwell New Materials Technology Co., Ltd. (China), BASF SE (Germany), and Clariant AG (Switzerland).

Research Coverage

This report segments the market for nucleating and clarifying agents market on the basis of agent type, form, polymer, application, and region, and provides estimations for the overall value of the market across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, new product launches, expansions, and mergers &

acquisition associated with the market for nucleating and clarifying agents market.

Key benefits of buying this report

This research report is focused on various levels of analysis — industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the nucleating and clarifying agents market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on nucleating and clarifying agents market offered by top players in the global nucleating and clarifying agents market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the nucleating and clarifying agents market

Market Development: Comprehensive information about lucrative emerging markets — the report analyzes the markets for nucleating and clarifying agents market across regions

Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global nucleating and clarifying agents market

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the nucleating and clarifying agents market

Impact of COVID-19 on nucleating and clarifying agents market

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