

Plastics Additives

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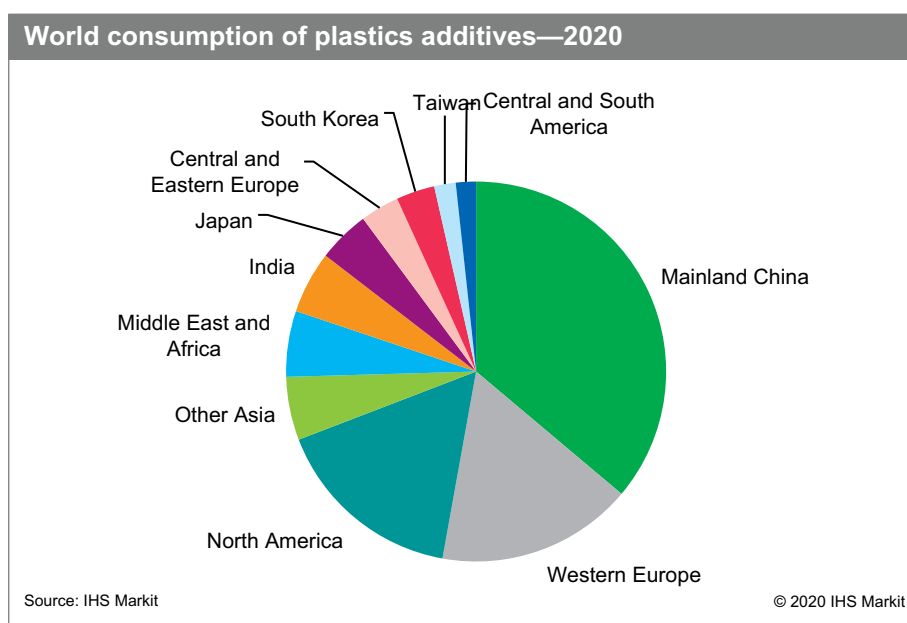
Abstract

Plastics additives are essential for the proper functioning and continuity of plastic articles. These plastic articles are used in the automotive, aviation and railroad industries, construction, electrical/electronics industry, appliances, packaging materials, communications technology, and healthcare/medical applications, among others.

Eight functional classes of specialty plastics additives are described in this IHS Markit report: antioxidants, antistatic agents, chemical blowing agents, flame retardants, heat stabilizers, impact modifiers, light stabilizers, and lubricants/slip additives. (This definition excludes an important additive group, plasticizers. However, these additives can be classified as commodities.) Although the growth in plastics additives consumption parallels consumption growth in plastic resins, some plastics additives consumption rates are growing more rapidly than others. Demand for plastics additives is strongly dependent on production and consumption of plastics, in general, but is also influenced by demand from plastics end-use consumer segments and changes in government regulations.

Plastics end-use industries such as automotive, aviation, electronics, medical, and construction often demand high-performance, safe, and/or eco-friendly plastics additives, reflecting the high quality requirements for advanced plastics applications with environmentally safe properties. Responding to growing demand from end-use industries, the global plastics additives market has been growing, although there have been fluctuations and downturns driven by economic and global conditions, such as a severe weakness in demand for plastics and plastics additives due to the coronavirus disease 2019 (COVID-19) pandemic.

The following pie chart shows world consumption of plastics additives:



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Asian plastics additive markets were the largest (56% on a volume basis), followed by Europe (20%) and North America (18%). In Asia, the mainland Chinese market is the world's largest, accounting for 36% of the world plastics additives market on a volume basis, followed by India (5%), Japan (4%), and South Korea (3%). The mainland Chinese and Indian plastics additives markets are expected to continue to expand at a faster rate (in comparison with other countries) from 2019 to 2025.

For more detailed information, see the table of contents, shown below.

IHS Markit's Chemical Economics Handbook – *Plastics Additives* is the comprehensive and trusted guide for anyone seeking information on this industry. This latest report details global and regional information, including



Industry structure,
operating characteristics
and regulatory
environment



Products, functions
and markets



Cost structure/
profitability



Technology changes
and emerging
substitution practices



Quantitative market
analysis and forecasts

Key benefits

IHS Markit's Chemical Economics Handbook – *Plastics Additives* has been compiled using primary interviews with key suppliers and organizations, and leading representatives from the industry in combination with IHS Markit's unparalleled access to upstream and downstream market intelligence and expert insights into industry dynamics, trade, and economics.

This report can help you

- Identify trends and driving forces influencing chemical markets
- Forecast and plan for future demand
- Understand the impact of competing materials
- Identify and evaluate potential customers and competitors
- Evaluate producers
- Track changing prices and trade movements
- Analyze the impact of feedstocks, regulations, and other factors on chemical profitability

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