Market Study: Plastic Additives



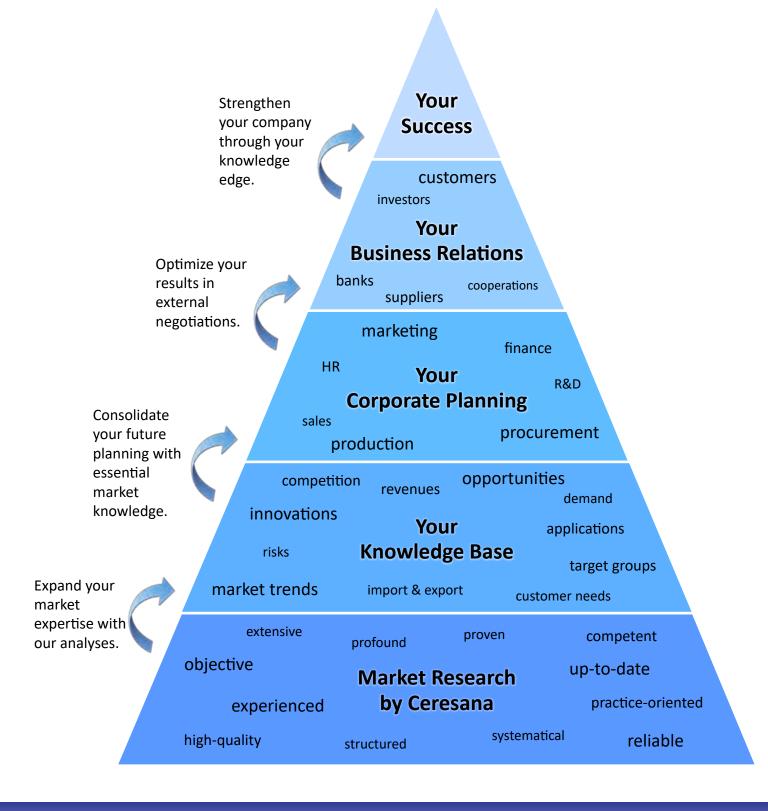




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As one of the world's leading institutes for market research, we have been specializing in the areas mobility, chemicals, plastics, packaging, and industrial goods for the past 20 years.

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This brochure provides further information on the study "Plastic Additives (3rd edition)"

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Belgium (2 Producers) France (2) Germany (10)

Italy (2)

Luxembourg (1)

The Netherlands (1) Switzerland (2)

United Kingdom (3)

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Poland (1)

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India (1)

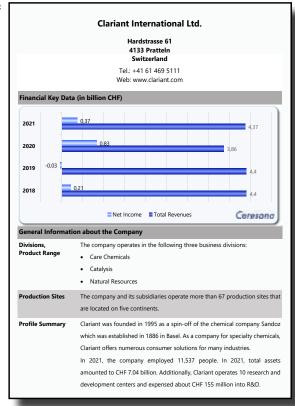
Japan (13)

South Korea (4)

Taiwan (2)

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Israel (1)



The company is divided into the three business divisions Care Chemicals Catalysis and Natural Resources.

Split by business segments, 38.9% of the company's revenues in 2021 were generated with Care Chemicals, 20.7% with Natural Resources, and 40.4% with

Split by regions, 36% of revenues in 2021 were generated in Europe, 30% in Asia-Pacific, 16% in North America, 11% in Latin America, and 7% in Middle East and Africa.

Clariant is listed on the SIX Swiss Exchange

The quality and environmental management systems are ISO 9001 and ISO 14001 certified. Additionally, the company is certified according to OHSAS

Specific Information about Plastic Additive

Clariant offers various plastic additives including plasticizers, (Hostaphat TBEP), non-halogenated flame retardants (Exolit), light, processing, and heat stabilizers, acid scavengers, Ziegler-Natta catalysts for PP production, fillers, antioxidants, waxes used as lubricants or adhesion promoters and performance additives for agriculture, automotive and transportation, industrial construction, packaging, textiles, and fibers. Performance additives can improve agrochemical resistance, UV absorption, durability, extraction resistance, surface texture, antistatic properties, recyclability, corrosion protection or wash resistance, enable a higher proportion of recycled material or prevent polymer degradation and discoloration.

^{*}Note: The profiles are assigned to the country in which the company or holding is headquartered. Profiles also include JVs and subsidiaries.

Market Study: "Plastic Additives (3rd edition)" 16 Countries, 67 Producers, 310 Pages, 63 Graphs, 132 Tables, 07/2022

Summary

Chapter 1 analyzes the global market for plastic additives - including forecasts up to 2031: for each region of the world, the demand in tonnes and the revenues in USD and EUR are detailed. In addition, global and regional demand per product type and per application area is analyzed.

The following types are considered in detail:

- Fillers
- Plasticizers
- Pigments
- Flame Retardants
- Stabilizers
- Impact Modifiers
- Lubricants / Split Agents
- Antioxidants
- Blowing Agents
- Other Plastic Additives

Application areas examined in this study:

- Packaging
- Construction
- Transportation
- Electrical & Electronics
- Industrial Products
- Other applications

Chapter 2 looks at 16 countries individually. Country-specific demand, demand per type of additive, demand per type of plastic and revenues are given. In addition, the demand for the individual application areas is analyzed.

The following types are considered individually:

- Polyvinyl chloride (PVC)
- Polypropylene (PP)
- Polyethylene (PE)
- Polyurethane (PUR)
- Engineering Plastics
- Other Plastics

Chapter 3 provides 67 company profiles of the most important manufacturers, such as Aditya Birla, BASF, Clariant, DIC, Dow, Evonik, Imerys, Lanxess, Mitsubishi Chemical, and Nouryon.

2.3.3 USA In 2021, demand for plastic additives in the USA amounted to approximately X million tonnes. The USA is the second-largest domestic market worldwide after China. We expect the market volume to increase to approx. X million tonnes by 2031. Compared to 2021, this corresponds to an average increase of X% per year. The revenue generated $\,$ with plastic additives amounted to around USD X billion in 2021. We expect this figure to increase to around USD X billion by 2031. Compared to 2021, this corresponds to an average growth rate of X% per year. In 2021, the construction segment represented the largest submarket. From 2021 to 2031, demand in the transportation application area is expected to show the highest growth rate. in 1,000 2019 2020 2021 2022p 2023p 2024p 2025p 2026p 2031p 2031 Construction x x x x x x x Electrical & x x x x x x x x Electronics Industrial products x x x x x x x x x Other Applications x x x x x x x x x Total x x x x x x x x x x x x x p.a. Table: Demand for plastic additives in the USA from 2019 to 2031 – split by applications Revenues 2019 2020 2021 2022p 2023p 2024p 2025p 2026p 2031p 2021-2031 x x x x x x x x x x x p.a. Table: Revenues generated with plastic additives in the USA from 2019 to 2031, in million USD and million EUR

tonnes	2019	2020	2021	2022p	2023p	2024p	2025p	2026р	2031p	2021- 2031
Fillers	х	Х	Х	Х	Х	Х	Х	Х	Х	X% p.a.
Plasticizers	Х	Х	Х	Х	Х	х	Х	Х	Х	X% p.a.
Pigments	Х	Х	Х	Х	Х	Х	Х	Х	Х	X% p.a.
Flame Retardants	х	х	х	Х	Х	х	Х	Х	х	X% p.a.
Stabilizers	Х	х	х	Х	Х	Х	Х	Х	Х	X% p.a.
Impact Modifiers	Х	х	х	х	х	х	х	х	х	X%
Lubricants / Slip Agents	х	х	х	х	х	х	х	х	х	X% p.a.
Antioxidants	х	Х	Х	Х	Х	Х	Х	Х	х	X% p.a.
Blowing Agents	Х	х	Х	Х	Х	Х	Х	Х	Х	X% p.a.
Other Products	Х	Х	Х	Х	Х	Х	Х	Х	Х	X% p.a.
Total	х	х	х	х	х	х	х	х	х	X% p.a.
in 1,000 tonnes	2019	2020	2021	2022p	2023p	2024p	2025p	2026p	2031p	2021-
	х	х	х	х	х	Х	х	х	Х	X% p.a.
PVC							Х	х	х	X%
PVC PP	х	х	х	Х	Х	Х				
		x x	x x	x x	x x	x x	х	х	х	X%
PP	х						x	x		X% p.a. X% p.a.
PP PE	x x	x	х	×	x	х			х	X% p.a. X% p.a.
PP PE PUR	x x x	x x	x x	×	×	x x	х	х	x x	X% p.a. X% p.a. X% p.a.
PP PE PUR Engineering Plastics	x x x	x x x	x x x	x x x	x x x	x x x	x x	x x	x x	X% p.a. X% p.a. X% p.a. X% p.a.

Your advantages at a glance

- Adequately assess new projects, investments and product innovations with the newest information.
- Gain a holistic insight into your industry

 that way, you can plan and implement
 your strategies even more effectively.
- Discover which markets hold the biggest opportunities for your company and thus gain a decisive competitive advantage.
- 4. Identify chances and risks early on in upstream and downstream markets.
- Benefit from the industry knowledge of our experienced team of experts
- 6. Draw on reliable forecasts on countries, application areas and products for successful business planning.
- 7. Strengthen your negotiation powers and gain new business partners.
- Find out which global and regional developments influence supply and demand.

Our studies are particularly useful for:

- Producers, processors, traders, suppliers, as well as engineering companies
- Associations, institutes, consultants, banks, investors, founders, freelancers, entrepeneurs, and service providers
- Executive boards, finance, business development, strategic planning, market research, marketing, sales, distribution, R&D, and procurement



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If you have any questions, please do not hesitate to contact us.



Polystyrene & EPS - World **Plastic Films - Europe** Polyvinyl Chloride (PVC) - World **Plastic Films - World**

Silicones - World Plastic Packaging for Cosmetics - Europe

Synthetic Rubber - World Rigid Metal Packaging - Europe Thermoplastic Elastomers (TPE) - World

Automotive Coatings - World Biobased Packaging - World

Automotive Plastics - Europe Bioplastics - World

Automotive Plastics - World Polylactic Acid (PLA) - World

Starch Based Plastics - World Hybrid & Electric Cars - Europe

Biocides - World <u>Adhesives - Europe</u>

Carbon Black - World Adhesives - World

Chelating Agents - World Insulation Material - Europe

<u>Fillers - Europe</u> **Insulation Material - World**

Fillers - World Paints & Coatings - Europe

Flame Retardants - World **Paints & Coatings - World**

Plastic Extrusion - Europe Pigments - World

Plastic Additives - World Plastic Injection - Europe

Plasticizers - World Plastic Pipes - Europe

Solvents - World Plastic Pipes - World

Stabilizers - World Plastic Windows - World

Printing Inks - Europe Surfactants - World

Titanium Dioxide (TiO2) - World **Printing Inks - World**

Windows & Doors - Europe

Composites (CFRP & GFRP) - World

Engineering Plastics - World Bags, Sacks & Pouches - Europe

Expandable Polystyrene (EPS) - World Bags, Sacks & Pouches - World

Masterbatches - World Corrugated Board & Solid Board - Europe

Plastics - Europe Flexible Packaging - Europe

Plastics - World Food Packaging - Europe

Polyethylene (HDPE) - World <u>Labels - Europe</u>

Polyethylene (LDPE) - World **Plastic Caps & Closures - Europe**

Polyethylene (LLDPE) - World **Plastic Caps & Closures - World**

Polypropylene - World **Plastic Containers - Europe**

Rigid Plastic Packaging - World

