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Global PP Anti-static Agents Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GCE0DEFA3790EN.html
Date: July 2026
Pages: 168
Price: US$ 4,480.00 (Single User License)
ID: GCE0DEFA3790EN

Abstracts

The global PP Anti-static Agents market size is expected to reach $ 284 million by 2032, rising at a market growth of 6.1% CAGR during the forecast period (2026-2032).

PP anti-static agents are functional additives used in polypropylene resin and PP products to reduce static charge accumulation and surface resistivity. They are applied by internal compounding, masterbatch blending, or surface coating, either through migratory hydrophilic additives that form a conductive moisture layer or through permanent conductive polymer/ionic systems for durable charge dissipation. Key uses include PP films, packaging, molded parts, fibers, nonwovens, and ESD-related packaging.

The upstream supply chain consists mainly of fatty acids, stearic acid, glycerol, ethoxylation feedstocks, fatty amines, diethanolamine, quaternary ammonium intermediates, polyether/polyamide/polyester functional polymers, and PP/PE carrier resins. Downstream customers include BOPP/CPP film producers, food and household packaging converters, electronics packaging suppliers, PP injection molders, appliance and automotive component producers, spunbond/meltblown nonwoven manufacturers, fiber producers, and industrial sheet processors.

In 2025, global PP anti-static agents production reached approximately 30 kilotons, with an average global market price is approximately $6,000 per ton.

From a global industry perspective, PP anti-static agents have evolved from conventional surfactant-based additives into functional polymer-modification materials serving packaging, electronics, automotive, medical, industrial dust-control and ESD-protection applications. Since polypropylene is an insulating polymer, PP products can

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accumulate static during friction, peeling, conveying, packaging and use, leading to dust attraction, film blocking, package adhesion, damage to electronic components or safety risks in flammable environments. Traditional temporary anti-static additives usually migrate to the surface and absorb moisture from the air to form a conductive path; Avient notes that certain temporary anti-static additives dissipate static by absorbing and ionizing moisture from the air, which forms a conductive path on the polymer surface. As a result, the value of PP anti-static agents is no longer limited to improving surface feel or reducing dust, but is increasingly linked to packaging efficiency, cleanliness, electronics protection, processing stability and safety compliance.

In terms of industry trends, PP anti-static agents are moving toward longer-lasting performance, permanent systems, lower migration, lower blooming, low VOCs, food-contact suitability, transparency or colorability, and highly dispersible masterbatch forms. Conventional migratory systems, such as GMS, ethoxylated fatty acid amines and diethanolamides, are widely used in polyethylene and polypropylene because of their low cost and fast effect, but their performance can be affected by humidity, wiping, washing, temperature and aging. Permanent or non-migratory anti-static agents increasingly rely on polymeric ion-conductive phases or continuous dissipative networks to provide long-term static control. Cargill states that Ionphase polymeric static-control additives use a co-continuous ion-conductive polymer phase, with ions acting as charge carriers to dissipate the static field; Ionphase U5 is also designed specifically for compounding and injection molding of translucent, colored and filled polypropylene. This means competition is shifting from basic anti-static speed and additive cost toward durability, humidity dependence, polymer compatibility, appearance retention, mechanical-property impact and processing adaptability.

The main growth drivers come from three areas. First, PP is widely used in packaging, films, automotive, home appliances, consumer goods and industrial containers, and rising downstream requirements for dust prevention, anti-blocking, processing stability and final appearance continue to support anti-static modification demand. Second, electronics packaging, cleanroom products, industrial returnable containers and automotive interiors require stronger static dissipation, lower contamination, lower blooming and longer-term performance, pushing products from ordinary migratory additives toward permanent, polymeric and low-migration systems; Arkema notes that certain Pebax polymers can form a continuous, non-migratory three-dimensional network that provides permanent anti-static and static-dissipative performance. Third, higher requirements in food packaging, medical packaging, vehicle interior air quality and sustainable materials mean PP anti-static agents must also balance regulatory

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compliance, low odor, low migration, transparency, recyclability compatibility and ease of masterbatch processing.

This report studies the global PP Anti-static Agents production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for PP Anti-static Agents and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of PP Anti-static Agents that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global PP Anti-static Agents total production and demand, 2021-2032, (Kilotons)
Global PP Anti-static Agents total production value, 2021-2032, (USD Million)
Global PP Anti-static Agents production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)
Global PP Anti-static Agents consumption by region & country, CAGR, 2021-2032 & (Kilotons)
U.S. VS China: PP Anti-static Agents domestic production, consumption, key domestic manufacturers and share
Global PP Anti-static Agents production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)
Global PP Anti-static Agents production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)
Global PP Anti-static Agents production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global PP Anti-static Agents market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BASF, Cargill, Arkema, ADEKA, Sanyo Chemical Industries, Nouryon, Clariant, Kao Chemicals, Avient, Ampacet, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World PP Anti-static Agents market

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Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Kilotons) and average price (US$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global PP Anti-static Agents Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global PP Anti-static Agents Market, Segmentation by Type:

Permanent Anti-static Agents

Migratory Anti-static Agents

Global PP Anti-static Agents Market, Segmentation by Product Form:

Masterbatches

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Liquid Anti-static Agents

Others

Global PP Anti-static Agents Market, Segmentation by Application:

Packaging Films

Food & Household Packaging

PP Injection Molded Products

Others

Companies Profiled:

BASF

Cargill

Arkema

ADEKA

Sanyo Chemical Industries

Nouryon

Clariant

Kao Chemicals

Avient

Ampacet

Fine Organic Industries

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Palsgaard

PCC Group

Evonik

HECOPLAST GmbH

Dechang Electrostatic Technology

Juli Antistatic

Haiso Technology

Shenzhen Ruihong Chemicals

Emery Oleochemicals

Lanxess

MECO GMBH

Key Questions Answered:
1. How big is the global PP Anti-static Agents market?
2. What is the demand of the global PP Anti-static Agents market?
3. What is the year over year growth of the global PP Anti-static Agents market?
4. What is the production and production value of the global PP Anti-static Agents market?
5. Who are the key producers in the global PP Anti-static Agents market?
6. What are the growth factors driving the market demand?

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