

Global Plastic Anti-fog Additive Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Plastic Anti-fog Additive market size was valued at US\$ 330 million in 2025 and is forecast to a readjusted size of US\$ 400 million by 2032 with a CAGR of 2.8% during review period.

In 2024, global Plastic Anti-fog Additive production reached approximately 865 kilotons?with an average global market price of around US\$ 360 per ton, a single-line production capacity of approximately 20,000 tons/year, and a gross profit margin of approximately 15%-30%. Plastic Anti-fog Additive is a functional polymer additive designed to prevent the formation of water droplets on the surface of plastic films or molded products by modifying surface energy and improving hydrophilicity. When incorporated into a polymer matrix (internal additive) or applied as a surface coating (external additive), it promotes the rapid spreading of condensed moisture into a uniform transparent water layer rather than discrete droplets, thereby maintaining clarity and visibility. Anti-fog additives are widely used in polyethylene (PE), polypropylene (PP), PET, PVC, and other transparent plastics, particularly in applications such as food packaging films, agricultural greenhouse films.

The global plastic anti-fog additive market is experiencing steady growth as demand rises across food packaging, agricultural films, optical components, and consumer products where high transparency and visibility are essential. Anti-fog additives are incorporated into polymer matrices or applied as surface coatings to prevent water droplet formation, enabling plastic films and molded products to maintain clarity in humid, refrigerated, or temperature-fluctuating environments. In the food packaging sector, the increasing usage of refrigerated and fresh-produce packaging drives consistent adoption of anti-fog masterbatches to enhance product presentation and

shelf appeal. Agricultural greenhouse films represent another major application, as anti-fog additives help improve light transmission, crop yield, and film durability. The shift toward high-performance PE, PP, PET, and multilayer packaging materials further expands product penetration.

This report is a detailed and comprehensive analysis for global Plastic Anti-fog Additive market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Plastic Anti-fog Additive market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Plastic Anti-fog Additive market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Plastic Anti-fog Additive market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Plastic Anti-fog Additive market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Plastic Anti-fog Additive

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Plastic Anti-fog Additive market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cargill, SABO SpA, Avient, Evonik, EuroPlas, Primex Plastics Corporation, Palsgaard, NICHEM Solutions, Kompuestos, Van Meeuwen, etc.

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

Market Segmentation

Plastic Anti-fog Additive market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Glycerol Esters

Polyglycerol Esters

Sorbitan Esters

Others

Market segment by Status

Granular

Liquid

Others

Market segment by Fog Type

Hot Fog Applications

Cold Fog Applications

Market segment by Application

Food Packaging

Agricultural

Other

Major players covered

Cargill

SABO SpA

Avient

Evonik

EuroPlas

Primex Plastics Corporation

Palsgaard

NICHEM Solutions

Kompuestos

Van Meeuwen

Ampacet Corporation

Tosaf

Emery Oleochemicals

Sukano

Techmer PM

Bajaj Polyblends

Kandui

Ilshin Wells

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Plastic Anti-fog Additive product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Plastic Anti-fog Additive, with price, sales quantity, revenue, and global market share of Plastic Anti-fog Additive from 2021 to 2026.

Chapter 3, the Plastic Anti-fog Additive competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape

contrast.

Chapter 4, the Plastic Anti-fog Additive breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Plastic Anti-fog Additive market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Plastic Anti-fog Additive.

Chapter 14 and 15, to describe Plastic Anti-fog Additive sales channel, distributors, customers, research findings and conclusion.

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