

Global Papermaking Silicone Defoamer Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G6426353B504EN.html>

Date: January 2026

Pages: 120

Price: US\$ 4,480.00 (Single User License)

ID: G6426353B504EN

Abstracts

The global Papermaking Silicone Defoamer market size is expected to reach \$ 2482 million by 2032, rising at a market growth of 4.9% CAGR during the forecast period (2026-2032).

Silicone defoamers for papermaking are emulsion-type defoamers made primarily of polydimethylsiloxane (PDMS) through a special emulsification process. They are specifically designed for controlling foam throughout the entire papermaking process, including pulping, papermaking, and coating. By reducing the surface tension of the liquid film, they rapidly break and suppress foam, effectively increasing paper machine speed, improving paper quality, and reducing microbial growth.

Upstream components include silicone oil/modified silicone polymers, hydrophobic fumed silica, emulsifiers/dispersants, solvents, and packaging materials. Downstream components are pulp and paper mills (producing cultural paper, linerboard, tissue paper, and specialty paper), added during pulp preparation, white water treatment, and coating processes.

In 2025, the global market price for silicone defoamers for papermaking was \$4,210 per ton, with sales of approximately 410,000 tons and a global annual production capacity of 450,000 tons. The industry profit margin was 20-25%.

This report studies the global Papermaking Silicone Defoamer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Papermaking Silicone Defoamer 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 Papermaking Silicone Defoamer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Papermaking Silicone Defoamer total production and demand, 2021-2032, (Tons)

Global Papermaking Silicone Defoamer total production value, 2021-2032, (USD Million)

Global Papermaking Silicone Defoamer production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Papermaking Silicone Defoamer consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Papermaking Silicone Defoamer domestic production, consumption, key domestic manufacturers and share

Global Papermaking Silicone Defoamer production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Papermaking Silicone Defoamer production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Papermaking Silicone Defoamer production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Papermaking Silicone Defoamer 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 Evonik, Elkem Silicones, APC Group, San Nopco, Dow, BASF, Momentive Performance Materials, Wacker Chemie, Shin-Etsu Chemical, Hile, 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 Papermaking Silicone Defoamer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) 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 Papermaking Silicone Defoamer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Papermaking Silicone Defoamer Market, Segmentation by Type:

Emulsion Silicone Defoamer

Oiliness Silicone Defoamer

Others

Global Papermaking Silicone Defoamer Market, Segmentation by Chemical Composition:

PDMS Silicone Oil Type

Hydrophobic Silica Reinforced Type

Modified Organosilicon Type

Global Papermaking Silicone Defoamer Market, Segmentation by Application Condition:

For Pulping/Bleaching Section

For Wet End White Water Recirculation System

For Coating, Sizing, and Reclaimed Water Systems

Global Papermaking Silicone Defoamer Market, Segmentation by Application:

Wrapping Paper

Waste Paper Pulping

Cultural/Household Paper

Specialty Paper

Other

Companies Profiled:

Evonik

Elkem Silicones

APC Group

San Nopco

Dow

BASF

Momentive Performance Materials

Wacker Chemie

Shin-Etsu Chemical

Hile

Jiangsu Sixin

Nanjing Desheng

WOTAChem

Key Questions Answered:

1. How big is the global Papermaking Silicone Defoamer market?
2. What is the demand of the global Papermaking Silicone Defoamer market?
3. What is the year over year growth of the global Papermaking Silicone Defoamer market?
4. What is the production and production value of the global Papermaking Silicone Defoamer market?
5. Who are the key producers in the global Papermaking Silicone Defoamer market?
6. What are the growth factors driving the market demand?

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