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Global Waterborne Polyurethane Dispersions for Synthetic Leather Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Waterborne Polyurethane Dispersions for Synthetic Leather market size is expected to reach $ 1224 million by 2032, rising at a market growth of 6.8% CAGR during the forecast period (2026-2032).

Waterborne polyurethane dispersions for synthetic leather are waterborne resin materials in which polyurethane polymer particles are dispersed in water as the continuous phase. They are mainly used in topcoats, base coats, impregnation layers, foam layers, adhesive layers, and surface finishing layers for PU synthetic leather, artificial leather, and related coated textiles. The product is typically supplied as a milky white or semi-transparent liquid and features good film formation, flexibility, abrasion resistance, hydrolysis resistance, flex resistance, low odor, and low volatile emissions. It is an important alternative as the synthetic leather industry upgrades from traditional solvent-based PU resins and high-solvent processes toward more environmentally compliant systems.

Major production and consumption regions include China, Japan, South Korea, Taiwan, Germany, Italy, the United States, and India. Key applications include footwear upper leather, bags and luggage leather, apparel leather, furniture and sofa upholstery, automotive interior leather, sporting goods leather, and premium coated textiles. The recommended report scope includes waterborne polyurethane dispersions and waterborne PU resins used in synthetic leather manufacturing and finishing, while excluding finished PU synthetic leather, natural leather, PVC artificial leather base resins, solvent-based PU resins, and solvent-free two-component PU leather systems.

In 2025, global production of waterborne polyurethane dispersions for synthetic leather

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reached approximately 255,000 to 300,000 tons, with mainstream FOB prices ranging from USD 2.40 to USD 3.15 per kg. Products used in footwear, luggage, and general apparel leather were generally priced toward the lower end, while automotive interior, high-hydrolysis-resistance, high-abrasion-resistance, mechanically foamed, low-odor, and low-VOC formulations were positioned near the upper end. From 2026 to 2032, tightening environmental regulations, green supply-chain upgrades by brand owners, lightweight automotive interiors, and performance upgrades in footwear, apparel, and luggage materials are expected to support steady demand growth for waterborne polyurethane dispersions for synthetic leather.

The global market for waterborne polyurethane dispersions for synthetic leather is moving from environmental substitution toward performance-driven upgrading. In earlier stages, the value of waterborne systems was mainly reflected in reducing solvent use, lowering volatile organic compound emissions, and helping synthetic leather producers improve workplace conditions and regulatory compliance. Today, brand owners and material manufacturers are placing greater emphasis on integrated performance, including soft touch, abrasion resistance, hydrolysis resistance, scratch resistance, low odor, low fogging, yellowing resistance, mechanical foaming stability, and sustainable raw-material content. Footwear, luggage, apparel, and furniture remain the core demand base, while automotive interiors, sporting goods, premium home furnishings, and functional coated textiles are becoming higher-value growth areas.

The main challenges lie in cost, process compatibility, and performance balancing. Compared with mature solvent-based systems, waterborne polyurethane dispersions still face technical barriers in drying efficiency, thick-film formation, foaming stability, production-line modification, and extreme durability. Price volatility in isocyanates, polyols, chain extenders, and functional additives can also affect producer profitability. Low-to-mid-end synthetic leather markets remain highly price-sensitive, and some regions still prefer lower-cost traditional systems. Over the long term, however, global environmental regulation, ESG requirements from consumer brands, automotive interior material upgrades, and technical transformation of the Asian synthetic leather supply chain will continue to raise the penetration rate of waterborne systems and drive the industry toward lower-carbon, higher-performance, and more customized solutions.

This report studies the global Waterborne Polyurethane Dispersions for Synthetic Leather production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Waterborne Polyurethane Dispersions for Synthetic Leather and provides market size

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(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 Waterborne Polyurethane Dispersions for Synthetic Leather that contribute to its increasing demand across many markets.

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

This report profiles key players in the global Waterborne Polyurethane Dispersions for Synthetic Leather 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 Covestro AG, Stahl Holdings B.V., BASF SE, Lubrizol Corporation, UBE Corporation, DIC Corporation, Dainichiseika Color and Chemicals Mfg. Co., Ltd., Sanyo Chemical Industries, Ltd., DKS Co. Ltd., Alberdingk Boley GmbH, 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 Waterborne Polyurethane Dispersions for Synthetic Leather 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 Waterborne Polyurethane Dispersions for Synthetic Leather Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Waterborne Polyurethane Dispersions for Synthetic Leather Market, Segmentation by Type:

Polyester Polyurethane Dispersion

Polyether Polyurethane Dispersion

Polycarbonate Polyurethane Dispersion

Others

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Global Waterborne Polyurethane Dispersions for Synthetic Leather Market, Segmentation by Functionality:

One Component System

Two Component Crosslinking System

Self Crosslinking System

Global Waterborne Polyurethane Dispersions for Synthetic Leather Market, Segmentation by Solid Content:

Medium Solid Content

High Solid Content

Low Solid Content

Global Waterborne Polyurethane Dispersions for Synthetic Leather Market, Segmentation by Ionic Character:

Anionic Polyurethane Dispersion

Nonionic Polyurethane Dispersion

Cationic Polyurethane Dispersion

Global Waterborne Polyurethane Dispersions for Synthetic Leather Market, Segmentation by Application:

Footwear Leather

Bags and Luggage Leather

Furniture and Upholstery Leather

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Automotive and Apparel Leather

Companies Profiled:

Covestro AG

Stahl Holdings B.V.

BASF SE

Lubrizol Corporation

UBE Corporation

DIC Corporation

Dainichiseika Color and Chemicals Mfg. Co., Ltd.

Sanyo Chemical Industries, Ltd.

DKS Co. Ltd.

Alberdingk Boley GmbH

Lamberti S.p.A.

allnex

SIWO US Inc.

Wanhua Chemical Group Co., Ltd.

Huafon Group Co., Ltd.

Shanghai Huide Science and Technology Co., Ltd.

Sichuan Dowell Science and Technology Inc.

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Great Eastern Resins Industrial Co., Ltd.

Nan Pao Resins Chemical Co., Ltd.

Eternal Materials Co., Ltd.

Union Chemical Co., Ltd.

Hemanjali Polymers Pvt. Ltd.

ROIDEC Private Limited

Key Questions Answered:
1. How big is the global Waterborne Polyurethane Dispersions for Synthetic Leather market?
2. What is the demand of the global Waterborne Polyurethane Dispersions for Synthetic Leather market?
3. What is the year over year growth of the global Waterborne Polyurethane Dispersions for Synthetic Leather market?
4. What is the production and production value of the global Waterborne Polyurethane Dispersions for Synthetic Leather market?
5. Who are the key producers in the global Waterborne Polyurethane Dispersions for Synthetic Leather market?
6. What are the growth factors driving the market demand?

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