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# Global Water Soluble Warp Sizing Agent 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 Water Soluble Warp Sizing Agent market size was valued at US$ 3907 million in 2025 and is forecast to a readjusted size of US$ 5370 million by 2032 with a CAGR of 4.9% during review period.

In 2025, global production of Water Soluble Warp Sizing Agents reached approximately 1.68 million tons, with an average selling price of approximately US$2,260 per ton, production capacity of approximately 2.05 million tons, and an industry average gross margin of approximately 24.5%.

Water Soluble Warp Sizing Agents are textile chemicals applied to warp yarns before weaving that dissolve or disperse in water to form sizing liquors or film-forming systems. Their principal components include modified starch, polyvinyl alcohol (PVA), polyacrylates, water-soluble polyesters, carboxymethyl cellulose (CMC), and composite polymers. After drying, the agent forms a continuous protective film on the yarn surface, improving yarn strength, abrasion resistance, hairiness control, and weaving stability while reducing warp breakage and fuzz formation during high-speed weaving. After weaving, the sizing film can generally be removed using hot water, alkaline solutions, or enzymatic treatment to prepare the fabric for subsequent dyeing, printing, and finishing.

The global Water Soluble Warp Sizing Agent market is closely related to woven-fabric output and operating rates in weaving mills, with demand concentrated in major textile-producing regions such as China, India, Bangladesh, Pakistan, Vietnam, and Türkiye. Modified starch accounts for a substantial share of consumption because of its relatively low cost, broad raw-material availability, and suitability for cotton yarns. PVA provides strong film-forming performance, abrasion resistance, and adhesion to various fibers,

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while polyacrylates and water-soluble polyesters are used more frequently for polyester, nylon, and high-density fabrics requiring better adhesion and desizing performance. Market development is shifting toward low-PVA or PVA-free, readily desizable, low-COD, recyclable, and bio-based formulations, although environmentally preferable products still face challenges involving cost, film performance, and compatibility with different fibers. The adoption of high-speed looms and fine-count, high-density fabrics is also raising requirements for film strength, abrasion resistance, formulation stability, and technical support, encouraging suppliers to move from individual sizing materials toward customized formulation solutions for specific yarns and weaving processes.

## Report Scope

This report is a detailed and comprehensive analysis for global Water Soluble Warp Sizing Agent 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 Water Soluble Warp Sizing Agent market size and forecasts, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Water Soluble Warp Sizing Agent market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Water Soluble Warp Sizing Agent market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Water Soluble Warp Sizing Agent market shares of main players, shipments in revenue ($ Million), sales quantity (Tons), and ASP (US$/Ton),

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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 Water Soluble Warp Sizing Agent

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 Water Soluble Warp Sizing Agent 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 Matsumoto Yushi-Seiyaku Co, Zschimmer & Schwarz, Dai-ichi Kogyo Seiyaku Co, Mizobata Chemical Inc, TAKEMOTO OIL & FAT CO, BOZZETTO Group, Archroma, Pulcra Chemicals, Rossari Biotech, Zhejiang Huangma Technology Co, etc.

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

Water Soluble Warp Sizing Agent 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 Segmentation

### Market segment by Type

Polyurethane Type

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Polyester Type

Other

Market segment by Solid Content

Low Solid Content Type (<30%)

Medium Solid Content Type (30%–50%)

High Solid Content Type (>50%)

Solid Powder Type (Typically ?95%)

Market segment by Applicable Warp Yarn Type

For Cotton and Cotton-blended Warp Yarns

For Polyester and Polyester-blended Warp Yarns

For Nylon Warp Yarns

For Viscose and Regenerated Cellulose Warp Yarns

For Other Synthetic Fiber Warp Yarns

### Market segment by Application

Clothing

Industrial Materials

Other

## Major players covered

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Matsumoto Yushi-Seiyaku Co

Zschimmer & Schwarz

Dai-ichi Kogyo Seiyaku Co

Mizobata Chemical Inc

TAKEMOTO OIL & FAT CO

BOZZETTO Group

Archroma

Pulcra Chemicals

Rossari Biotech

Zhejiang Huangma Technology Co

Transfar Group

Shanghai Baolijia Chemical Co

Schill & Seilacher

NICCA

Rudolf GmbH

## 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)

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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)

## Chapter Outline

Chapter 1, to describe Water Soluble Warp Sizing Agent product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Water Soluble Warp Sizing Agent, with price, sales quantity, revenue, and global market share of Water Soluble Warp Sizing Agent from 2021 to 2026.

Chapter 3, the Water Soluble Warp Sizing Agent competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Water Soluble Warp Sizing Agent 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 Water Soluble Warp Sizing Agent 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 Water Soluble Warp Sizing Agent.

Chapter 14 and 15, to describe Water Soluble Warp Sizing Agent sales channel, distributors, customers, research findings and conclusion.

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