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Global Binders for Digital Textile Printing Inks 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 Binders for Digital Textile Printing Inks market size was valued at US$ 255 million in 2025 and is forecast to a readjusted size of US$ 463 million by 2032 with a CAGR of 9.0% during review period.

In 2024, global Binders for Digital Textile Printing Inks production reached approximately 49.3 K tons, with an average global market price of around 4,580.2 USD/Ton.

Binders for Digital Textile Printing Inks are core functional polymers in digital textile printing inks, mainly categorized into acrylic ester copolymers and polyurethane-based types. They act as a bridge between pigment/dye particles and fabric fibers, with key properties including good film-forming ability, adhesion, and compatibility with inks. They ensure printed patterns have excellent wash fastness, friction fastness, and color retention, while maintaining the fabric?s soft handfeel. Strictly controlled for particle size and stability to avoid clogging printheads, they are suitable for various fabrics (cotton, chemical fiber, blends) and digital printing processes, serving as a critical material for high-quality, efficient textile digital printing.

The single-line production capacity of Binders for Digital Textile Printing Inks is 1.9 to 2.3 K tons per year, the average gross profit margin was 36.8%.

The cost structure of Binders for Digital Textile Printing Inks is dominated by four core components with clear weights: raw material costs account for the largest share at 45%-55%, mainly including polymer monomers (acrylic acid, vinyl acetate), crosslinking

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agents, emulsifiers, and functional additives. The purity of monomers and performance of crosslinking agents directly determine the binder?s adhesion and fastness, affecting raw material costs. Production and processing costs make up 25%-30%, covering emulsion polymerization, precision filtration, viscosity adjustment, and compatibility testing. Strict control over particle size uniformity and printhead adaptability, as well as compliance with environmental standards, increases manufacturing complexity. R&D costs represent 10%-15%, dedicated to optimizing formulas to balance fastness and fabric softness, developing low-VOC and high-compatibility variants, and adapting to high-speed digital printing requirements. Packaging and logistics costs constitute the remaining 5%-7%, including sealed, moisture-proof packaging (to prevent emulsion deterioration) and normal-temperature transportation, with storage requiring cool and dry conditions to maintain product stability.

The industry chain of Binders for Digital Textile Printing Inks consists of three interconnected tiers: upstream includes suppliers of chemical raw materials (polymer monomers, crosslinking agents, emulsifiers), production equipment (polymerization reactors, precision filtration machines), and testing instruments (fastness testers, viscosity meters). Midstream involves enterprises engaged in formula R&D, emulsion polymerization, product modification, and quality calibration, focusing on adjusting adhesion, film-forming speed, and compatibility to meet the requirements of different inks, fabrics, and digital printing technologies. Downstream covers digital textile printing ink manufacturers, textile printing and dyeing enterprises, garment factories, and home textile producers, with demand driven by the popularization of digital printing technology, the expansion of the textile industry, and the upgrading of environmental protection requirements.

Demand for Binders for Digital Textile Printing Inks is growing steadily driven by the global expansion of digital textile printing (favored for short processes and low pollution), the strengthening of environmental protection policies, and the rising demand for personalized and customized textile products. It addresses pain points such as poor fastness, hard fabric handfeel, and printhead clogging of traditional binders, while the trend of green production boosts demand for low-VOC and high-performance variants. Key business opportunities lie in developing products with excellent compatibility for high-speed digital printing, optimizing formulas to enhance adaptability to diverse fabrics (including chemical fibers and blends), and expanding applications in functional textiles (sportswear, outdoor fabrics). Additionally, strengthening independent R&D to break technical bottlenecks in high-end segments and collaborating with ink manufacturers for customized solutions can further tap into the high-growth potential of the digital textile

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printing material market.

This report is a detailed and comprehensive analysis for global Binders for Digital Textile Printing Inks market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Polymer Chemistry 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 Binders for Digital Textile Printing Inks market size and forecasts, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Binders for Digital Textile Printing Inks market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Binders for Digital Textile Printing Inks market size and forecasts, by Polymer Chemistry and by Application, in consumption value ($ Million), sales quantity (Tons), and average selling prices (US$/Ton), 2021-2032

Global Binders for Digital Textile Printing Inks market shares of main players, shipments in revenue ($ Million), sales quantity (Tons), 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 Binders for Digital Textile Printing Inks

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 Binders for Digital Textile Printing Inks

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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 BASF, DSM, Resonac, DOW, Huntsman, Morchem, Songwon, Wacker Chemical, Indofil Industries, Kemiteks, etc.

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

Market Segmentation

Binders for Digital Textile Printing Inks market is split by Polymer Chemistry and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Polymer Chemistry, 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 Polymer Chemistry

Acrylic Copolymers

Polyurethane-based Adhesives

Market segment by Ionic Character

Anionic Binder

Cationic Binder

Nonionic Binder

Market segment by Crosslinking Behavior

Self-Crosslinkable Binder

External-Crosslinking Binder

Thermoplastic (Non-Crosslinking) Binder

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Market segment by Application

- Cotton and Cellulosic Apparel Binder
- Polyester and Blended Fabric Binder
- Home Textile and Soft Signage Binder
- Technical Textile and Industrial Fabric Binder

Major players covered

- BASF
- DSM
- Resonac
- DOW
- Huntsman
- Morchem
- Songwon
- Wacker Chemical
- Indofil Industries
- Kemiteks
- GB Chemical
- Covestro

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Archroma

Lubrizol

CHT Group

Rudolf

Lamberti

Tanatex Chemicals

Scott Bader

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 Binders for Digital Textile Printing Inks product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Binders for Digital Textile Printing Inks, with price, sales quantity, revenue, and global market share of Binders for Digital Textile Printing Inks from 2021 to 2026.

Chapter 3, the Binders for Digital Textile Printing Inks competitive situation,

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sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Binders for Digital Textile Printing Inks 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 Polymer Chemistry and by Application, with sales market share and growth rate by Polymer Chemistry, 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 Binders for Digital Textile Printing Inks market forecast, by regions, by Polymer Chemistry, 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 Binders for Digital Textile Printing Inks.

Chapter 14 and 15, to describe Binders for Digital Textile Printing Inks sales channel, distributors, customers, research findings and conclusion.

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Contents

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3 MARKET COMPETITION, BY PLAYERS

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13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology
14.2 Research Process and Data Source
14.3 Disclaimer

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List Of Tables

LIST OF TABLES

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List Of Figures

LIST OF FIGURES

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