

Global Liquid Molded Underfill Materials for HBM MR-MUF 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 Liquid Molded Underfill Materials for HBM MR-MUF market size was valued at US\$ 70.38 million in 2025 and is forecast to a readjusted size of US\$ 166 million by 2032 with a CAGR of 12.6% during review period.

In 2025, the global sales volume of MR-MUF liquid molding underfill materials for HBM applications is projected to be approximately 38 tons, with an average price of approximately \$1800 per kilogram.

MR-MUF liquid molding underfill materials for HBM are low-stress, high-flow epoxy/resin composites designed for stacked packaging in High Bandwidth Memory (HBM) modules. Utilizing a molding process, these materials fill the minute gaps within chip stacks to provide protection, thereby mitigating the risks of warpage, voids, thermal stress, and reliability failures. They are specifically tailored to facilitate high-yield manufacturing for AI accelerators, GPUs, and high-end server memory packaging. The upstream supply chain primarily consists of epoxy resins, curing agents, spherical silica fillers, low-ionic-impurity additives, and precision dispersion equipment; the downstream market is predominantly comprised of HBM and 3D DRAM manufacturers, advanced packaging facilities, and the AI ??chip supply chain.

This report is a detailed and comprehensive analysis for global Liquid Molded Underfill Materials for HBM MR-MUF 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 Liquid Molded Underfill Materials for HBM MR-MUF market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Liquid Molded Underfill Materials for HBM MR-MUF market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Liquid Molded Underfill Materials for HBM MR-MUF market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Liquid Molded Underfill Materials for HBM MR-MUF market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 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 Liquid Molded Underfill Materials for HBM MR-MUF
- 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 Liquid Molded Underfill Materials for HBM MR-MUF 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 NAMICS Corporation (JP), Henkel (DE), Shin-Etsu Chemical (JP), Resonac (JP), Sumitomo

Bakelite (JP), Panasonic Industry (JP), Dow (US), H.B. Fuller (US), Kangda New Materials (CN), MacDermid Alpha Electronics Solutions (US), etc.

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

Market Segmentation

Liquid Molded Underfill Materials for HBM MR-MUF 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

Liquid Compression Molded Underfill

Capillary Underfill for Stacked Die

Film-assisted Molded Underfill

Thermally Conductive Molded Underfill

Market segment by Particle Size

Filler Particle D50 ? 1 ?m

Filler Particle D50 1-3 ?m

Filler Particle D50 ?3?m

Market segment by Functional Category

Low Warpage Grade

High Thermal Conductivity Grade

Low Ionic Contamination Grade

Fast Cure Grade

Market segment by Application

HBM3E and HBM4 Packaging

AI GPU and Accelerator Packaging

2.5D/3D Advanced Packaging

High-end Server Memory Modules

Major players covered

NAMICS Corporation (JP)

Henkel (DE)

Shin-Etsu Chemical (JP)

Resonac (JP)

Sumitomo Bakelite (JP)

Panasonic Industry (JP)

Dow (US)

H.B. Fuller (US)

Kangda New Materials (CN)

MacDermid Alpha Electronics Solutions (US)

Parker LORD (US)

Jiangsu HHCK Advanced Materials (CN)

Huitian New Material (CN)

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 Liquid Molded Underfill Materials for HBM MR-MUF product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Liquid Molded Underfill Materials for HBM MR-MUF, with price, sales quantity, revenue, and global market share of Liquid Molded Underfill Materials for HBM MR-MUF from 2021 to 2026.

Chapter 3, the Liquid Molded Underfill Materials for HBM MR-MUF competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Liquid Molded Underfill Materials for HBM MR-MUF 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 Liquid Molded Underfill Materials for HBM MR-MUF 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 Liquid Molded Underfill Materials for HBM MR-MUF.

Chapter 14 and 15, to describe Liquid Molded Underfill Materials for HBM MR-MUF sales channel, distributors, customers, research findings and conclusion.

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