

KiMRIGID[®]

LFI System

Strong and Durable Composite Parts



KIMPUR



LFI System

Developed for Long Fiber Injection Technology

KIMrigid® LFI System is a high-performance, one-component system developed for long-fiber-reinforced polyurethane composite parts. It offers reliable processing for automotive structural applications with excellent flow, consistent quality and short cycle times.

Key Advantages

Excellent flow performance at 25°C with a viscosity of 1100 mPa·s

Homogeneous flow and effective mould filling in complex geometries

Efficient production performance in thin sections of 5-10 mm

Reaction profile optimisable to customer-specific process requirements

Suitable for the production of lightweight, high-strength composite parts

High dimensional stability with less than 1% dimensional change

Durability and stability from -45°C to +120°C

Excellent surface quality and strong adhesion performance

Product Information

Product Code

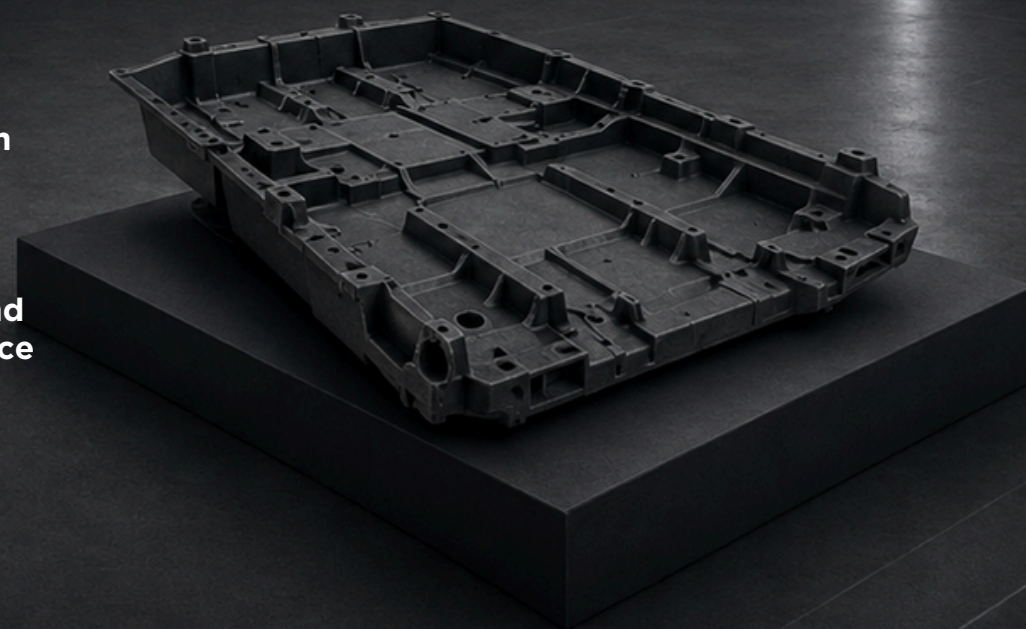
KIMrigid LFI 002
Izokim LFI 002

Short Description

Two-component polyurethane resin system for composite parts

Moulding Density

Up to 1000 kg/m³



Application Areas



Other Application Areas

Truck Body Parts

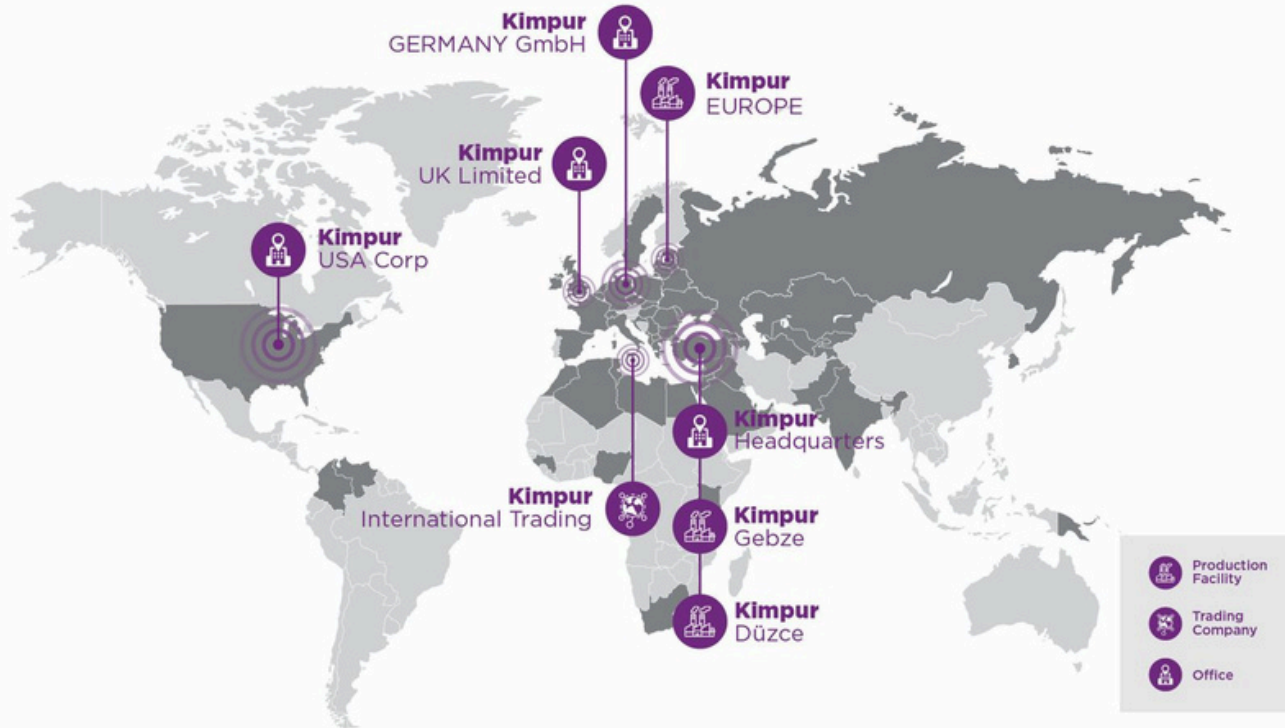
Sun Visor and
Shading Panels

Industrial Composite
Body and Panel
Applications

THE LARGEST POLYURETHANE SYSTEM HOUSE IN THE REGION

Kimpur is the polyurethane system house with the largest production capacity and sales volume in the region. With its broad product portfolio, strong production infrastructure, international operational network, and agile, solution-oriented approach, The company is positioned as a reliable and preferred system supplier in the global market, exporting to more than 60 countries across five continents. The polyurethane systems developed by Kimpur are used in a wide range of industries, including footwear, automotive, furniture, heating and cooling, insulation and construction, and defense.

GLOBAL ACTIVITIES



TÜRKİYE'S TOP
500
INDUSTRIAL ENTERPRISES

1000 **TİM**
TOP 1000 EXPORTERS OF TÜRKİYE
(TİM: TURKISH EXPORTERS ASSEMBLY)

TÜRKİYE'S LARGEST
500
FORTUNE
COMPANIES

İKMİB İstanbul
Chemicals And Chemical Products
Exporters' Association
Stars of Exports

Turkish
R&D 250
TURKISH COMPANIES WITH THE HIGHEST R&D EXPENSES

GOLD | Top 5%
ecovadis
Sustainability Rating
NOV 2025

Kimpur Corporate Promotional Film
Click to watch





KİMPUR

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KİMPUR EUROPE PRODUCTION FACILITY

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