SUSTAINABLE SOLUTIONS

Driving Comfort with KIMflex Integral Systems

kimpur
KİMTEKS POLYURETHANE

kim FLEX®
FLEXIBLE FOAM SYSTEMS

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kim FLEX®
FLEXIBLE FOAM SYSTEMS

KIMflex INTEGRAL SYSTEMS

The social and economic activities in rapid growing cities have been increased due to the increasing population of the world, thus causing the transportation demands to be risen constantly.

In recent years, in order to adapt the transportation to the principles of sustainable development, the performance, safety and driving comfort of vehicles as well as their environmental impacts, social responsibility requirements and contributions to the economic development have been taken in consideration.

Polyurethane systems aim to reduce energy usage and therefore emission, by ensuring weight loss in vehicles with their lightness feature. The PU also enhances material durability and corrosion resistance thanks to its high--performance coating. In addition, it has been preferred by the automotive industry due to its many advantages such as lightness, durability, thermal and electrical insulation, design, and ease of production.

The versatile use of polyurethane also reduces the production costs, causing the automotive industry to be competitive in the global market. Thus, it contributes to economic development.

Accordingly, **Kimpur** has developed **KIMflex** Integral Systems to support sustainability in transportation to ensure comfort and safe driving.

kim FLEX®

FLEXIBLE FOAM SYSTEMS

APPLICATION AREAS:

- Steering wheel
- Mat
- Armrest
- Bicycle seat
- Wire harness
- Dashboard
- Mudguard
- Bumper

ADVANTAGES:

- Flexibility
- Fast curing
- Smooth skin
- Suitable skin thickness
- Regular cell structure
- Short demolding times
- Different hardness alternatives
- Different demolding times alternatives
- Wide (molded) density range

kim FLEX®

FLEXIBLE FOAM SYSTEMS

KIMflex Integral Systems	Application Areas	System Features	Mixing Ratio (Polymix+Iso)	Free Rise Density (kg/m³)	Density (kg/m³)	Hardness (sh A)	Molding Time (Sec)
KIMflex FI 005 + Izokim FI 002	Armrest	Water and Solvent-Based, Black Colored	100/50	125±10	230	48	240
KIMflex FI 019 + Izokim FI 002	Armrest	Water and Solvent-Based, Black Colored	100/52	190±10	350	60	240
KIMflex FI 022-B + Izokim FC 010	Armrest	Water and Solvent-Based, Black Colored	100/43	115±5	330	40	300
KIMflex FI 022-N + Izokim FC 010	Armrest	Water and Solvent-Based, Natural Colored	100/43	115±5	330	40	300
KIMflex FI 032 + Izokim FI 002	Steering Wheel	Water-Based, Natural	100/48±2	210±10	360	60	180
KIMflex FI 033 + Izokim FC 010	Armrest	Water and Solvent-Based, Dark Black	100/43	160±10	330	40	300
KIMflex FI 034-B + Izokim FC 010	Steering Wheel	Water and Solvent-Based, Black Colored	100/41 ± 2	160±10	350	75	300
KIMflex FI 034-B + Izokim FC 010	Mat, Console, Bumper, Seat and Mudguard	Water and Solvent Based, Dark Black	100/41 ± 2	160±10	350	75	300 (For small molds) 900 (For big molds)
KIMflex FI 035 + Izokim FI 002	Wire Harness	Water-based, Natural, Low Electrical Conductivity and Nonwater Permeability Based	100/37	640±40	750	76	180
KIMflex FI 036 + Izokim FC 015	Armsrest, Bumper, Shock Absorber	Gas Based, Soft, Black Colored	100 / 44	165±10	225	30	5
KIMflex FI 038 + Izokim CE 002	Mudguard, Steering Wheel, Armrest	Gas-Based, Black Colored	100 / 56	200±10	350	72	It varies according to the mold size.
KIMflex FI 037 + Izokim FC 015	Production of Gaskets for the Electromechanical, Automotive and Lighting Industries	Water-Based, Black Colored, Thixotropic	100 / 23	-	470	20-30	-

Please contact our sales office for more information about the products, TDS and MSDS.

THE POLYURETHANE SYSTEM HOUSE OF TURKEY

Turkey's Top 500 ISO Industrial Enterprises

Turkey's Largest 500 FORTUNE Companies

TOP 1000 EXPORTERS OF TURKEY

PRODUCTION CAPACITY
129.000 TONS
IN TURKEY

PRODUCTION CAPACITY
25.000 TONS
IN EUROPE

- Kimpur Means Mutual Trust and Cooperation
- Kimpur Means Quality
- Kimpur Means Fast Approach to Market Challenges
- Kimpur Means Strong Communication Networks with Its All Stakeholders
- Kimpur is an Innovator and Solution Provider
- Kimpur Means Experience
- Kimpur is Sensible to The Environment
- Kimpur is a Leading and Technology-Oriented Company

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