



HIGH PERFORMANCE FORMULATIONS



kimpur
KIMTEKS POLYURETHANE

kim POL[®]
POLYESTER POLYOLS

— KIMpol High Performance Formulations

    / Kimpurglobal
www.kimpur.com

Polyester polyols are produced by the condensation reaction of dicarboxylic acids and glycols. Various monomer combinations and molecular weight selection of polyester polyols ensure superior mechanical properties for the polyurethane systems.

Kimpur is aware that there is a need for variety of high performance solutions to improve your products. Therefore, **Kimpur** produces **KIMpol** Polyester Polyols which stem from combinations of multifunctional carboxylic acids, polyhydric alcohols, phthalic anhydride and more with various molecular weights and functionalities for the best solution to industries including footwear industry (system component), paint industry, foam, elastomer and insulation industries (rigid foam applications).

Kimpur can fine tune polyester polyols depending on the properties requested.



kim POL

POLYESTER POLYOLS

MAIN APPLICATIONS:

- ◆ Polyurethane systems for footwear industry
- ◆ Flexible and rigid foams
- ◆ Castings elastomers and TPU
- ◆ Polyurethane coatings
- ◆ Polyurethane adhesives



KIMpol Polyester Polyols have superior advantages to take your products to next level.

ADVANTAGES:

- ◆ They can be tailor made for the properties requested
- ◆ Synthesized with high purity monomers
- ◆ Produced at high technology reactors
- ◆ Reliable product quality
- ◆ Broad product range for diverse applications

Kimpur produces **KIMpol** Polyester Polyols for the variable industries including footwear, flexible and rigid foam.

POLYESTER POLYOLS						
	Name of Product	Definition	Application	OHV (mgKOH/g)	Viscosity (mPa.s)	Temperature (°C)
Polyester Polyols for Footwear Systems	KIMPOL PE 001	Linear Aliphatic Polyester Polyol	Microcellular Elastomer, Elastomer	52-58	3500-4000	40
	KIMPOL PE 005	Linear Aliphatic Polyester Polyol	Microcellular Elastomer	56-60	2800-3300	40
	KIMPOL PE 026	Branched Aliphatic Polyester Polyol	Microcellular Elastomer	44-48	1450-1750	60
	KIMPOL PE 033	Branched Aliphatic Polyester Polyol	Microcellular Elastomer	56-60	2300-3300	40
	KIMPOL PE 034	Linear Aliphatic Polyester Polyol	Microcellular Elastomer, Elastomer	50-56	3200-3800	40
	KIMPOL PE 041	Branched Aliphatic Polyester Polyol	Microcellular Elastomer	56-60	3200-3800	40
	KIMPOL PE 044	Branched Aliphatic Polyester Polyol	Microcellular Elastomer	50-56	5000-6000	40
	KIMPOL PE 045	Branched Aliphatic Polyester Polyol	Microcellular Elastomer	56-58	4500-5000	40
	KIMPOL PE 046	Mixture of Branched Polymeric Polyester Polyol and Branched Polyester Polyol	Microcellular Elastomer	54-58	2800-3300	40
	KIMPOL PE 047	Mixture of Branched Polymeric Polyester Polyol and Branched Polyester Polyol	Microcellular Elastomer	53-57	3300-3700	40
	KIMPOL PE 048	Hydrolysis-resistant Branched Aliphatic Polyester Polyol	Microcellular Elastomer, Safety Shoe Applications	56-60	2300-3300	40
	KIMPOL PE 056	Branched Aliphatic Polyester Polyol	Microcellular Elastomer	56-60	3200-3800	40
	KIMPOL PE 059	Branched Aliphatic Polyester Polyol	Microcellular Elastomer	40-45	5800-6500	40
	Polymeric Polyester Polyols for Footwear Systems	KIMPOL PE 016	Branched Polymeric Polyester Polyol	Microcellular Elastomer	55-59	1500-3500
KIMPOL PE 022		Linear Polymeric Polyester Polyol	Microcellular Elastomer	58-62	1600-2000	60
KIMPOL PE 024		Branched Polymeric Polyester Polyol	Microcellular Elastomer	60-64	1500-3500	60
Polyester Polyols for Rigid Foam Systems	KIMPOL PE 003	Rigid polyester polyol for general purpose. Suitable to formulate spray and panel systems.	Rigid Foam	300-320	3000	25
	KIMPOL PE 036	High Pentane compatible polyester polyol, suitable to formulate PIR/PUR panels and spray systems.	Rigid Foam	200-220	2500	25
	KIMPOL PE 042	High Pentane compatible polyester polyol, suitable to formulate PIR/PUR panels and spray systems.	Rigid Foam	180-200	4000	25
	KIMPOL PE 043	High fire resistance properties with excellent mechanical properties	Rigid Foam	300-320	3250	25
	KIMPOL PE 051	Aromatic Polyester Polyol	OCF	230-250	2500	25
	KIMPOL PE 054	Aromatic Polyester Polyol	OCF	170-190	5000	25
	KIMPOL PE 067	Aromatic Polyester Polyol	Rigid Foam	295-315	11000	25
Polyester Polyols for Flexible Foam Systems	KIMPOL PE 002	Branched Aliphatic Polyester Polyol	Flexible Slabstock Foam	60-64	950-1150	75
	KIMPOL PE 040	Branched Aliphatic Polyester Polyol	Flexible Slabstock Sünger	58-62	1200-1400	75
Polyester Polyols for Case Applications	KIMPOL PE 065	Linear Aliphatic Polyester Polyol	PU Adhesive	83-93	3200	25
	KIMPOL PE 068	Branched Aliphatic Polyester Polyol	Hot Melt	33-39	3800	60

THE POLYURETHANE SYSTEM HOUSE OF TURKEY

Turkey's Top
500 ISO
Industrial Enterprises

Turkey's Largest
500 FORTUNE
Companies

1000 TIM
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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