Clearlink® and Unilink® Chain Extenders and Catalysts
Product Guide



ABOUT DORF KETAL

Dorf Ketal Speciality Catalysts is a market leader in crosslinker and amine chain extender technologies for polyurea and polyurethane coatings and elastomers.

Dorf Ketal's broad line of titanate and zirconate organometallics and amine chain extenders has added measureable customer value in the global CASE market for more than three decades and we continue to improve the performance of our customers' products and synthesize new polymer resins today.

PRODUCT	DESCRIPTION	APPLICATION NOTES
Clearlink® 1000	Aliphatic diamine chain extender for use with aliphatic isocyanates in polyurethane and polyurea	– Produces tough, UV light-stable polyurethane and polyurea coatings with improved strength and heat resistance – Can be applied using conventional spray techniques
Clearlink® 1080	Aliphatic diamine chain extender for use with aliphatic isocyanates in polyurethane and polyurea	– Produces durable, UV light-stable polyurethane and polyurea coatings with improved strength and heat resistance – Low moisture sensitivity, slower reactivity and compatibility with a wide range of polyols, co-curatives and other polyurethane chemicals – Can be applied using conventional spray techniques
Unilink® 1000 series	Zirconium-based polyurethane catalysts for filled and unfilled cast elastomers	– Delivers a fast cure profile, similar to tin, to maximize mold productivity in cast elastomers – Suitable for use with aliphatic and aromatic isocyanates and all polyols – Unilink 1030 is suitable for color-critical formulations
Unilink® 2000 series	Titanium-based polyurethane catalysts for filled and unfilled elastomers and coatings	– Slower, delayed cure profile with a snap final cure, similar to mercury, wide formulating window and tailored polyurethane properties – Suitable for use with a wide variety of isocyanates and primary polyols – Moisture-tolerant and excellent storage stability in polyols
Unilink® 4200, 4230, and 4100	Aromatic diamine chain extender for flexible polyurethane foams	– Improved compressive strength, tensile, tear, dimensional stability and load-bearing properties in standard TDI slab-stock foam and high-resilience foam systems – Reduces foam density and softens cold-molded foam – Improves mold flow and reduces mold time
	Aromatic diamine chain extender for elastomeric coatings	– Cures TDI and MDI coating compounds at ambient temperatures. – Can be applied by spray or pour-and-spread techniques – Low viscosity improves handling, surface wetting, adhesion and finish

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