

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.

We have grown rapidly through acquisition of proven technologies and innovative chemistry to become a world leader in organic titanate and organic zirconate catalysts and amine technologies.

PRODUCT	DESCRIPTION	APPLICATION NOTES
Clearlink® 1000	Aliphatic diamine chain extender for use with aliphatic isocyanates in polyurethane and polyurea	<ul style="list-style-type: none"> – 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	<ul style="list-style-type: none"> – 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-curing agents and other polyurethane chemicals – Can be applied using conventional spray techniques
Unilink® 1000 series	Zirconium-based polyurethane catalysts for filled and unfilled cast elastomers	<ul style="list-style-type: none"> – 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	<ul style="list-style-type: none"> – Slower, delayed cure profile, 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	Aromatic diamine chain extender for flexible polyurethane foams	<ul style="list-style-type: none"> – 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	<ul style="list-style-type: none"> – 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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