

DESCRIPTION Unilink® 1030 is a reactive proprietary liquid zirconium chelate dissolved in a reactive diol. It is sensitive to moisture and dissolves to form clear, pale-yellow solutions in most organic solvents.

Performance Benefits:

- Sharp viscosity increase profile, similar to mercury
- Minimal isocyanate-water reaction for high-quality elastomers
- Excellent hardness build-up and rapid demold times
- Superior mechanical properties compared to mercury
- Excellent storage stability in polyether and polyester polyols
- Compatible with a variety of fillers
- Suitable for color-critical applications

APPLICATIONS POLYURETHANE ELASTOMERS
Unilink® 1030 is designed for use in polyurethane elastomers. It provides delayed open times in polyester polyol elastomers, and because the diol solvent reacts into the polyurethane it leaves no residue. Unilink® 1030 is selective towards the gelling reaction, generating very low “blow” or water reactivity, and low color makes it particularly suitable for color-critical formulations.

HOW TO USE Typical application rates range from 0.03-3.0 wt% on polyol depending on the application and desired reaction time.

TYPICAL PROPERTIES	PROPERTY	TYPICAL VALUE
	Appearance	Pale red liquid
	Zirconium, wt%,	11.1
	OH value (mg KOH/g)	< 40
	Flash point, PMCC, °C (°F)	> 80 (176)
	Specific gravity @ 25 °C (77 °F)	1.07
	Viscosity @ 25 °C, cPs	280
	Solubility	Miscible with most esters, ketones and glycols.

SAFETY AND HANDLING Please refer to the current Material Safety Data Sheet for detailed safety, handling and toxicity information.

TYPICAL SHELF LIFE 1 year



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