

XL-170 Crosslinker

Zirconium based

Version 7/20/2020

TECHNICAL DATA SHEET

Description	XL-170 crosslinker is an aqueous based zirconium complex, delivered as a colorless to brownish liquid.	
Functionality	XL-170 efficiently crosslinks guar-derivatives, CMC or similar gelling agents over a broad range of pH and temperatures.	
How to use	The product is usually formulated with other ingredients. The zirconate is usually added as the last ingredient to prevent undesired pre-reactions with water or other components. The time for gel formation depends on the type of polymer, temperature, pH, brine strength, zirconate concentration, etc. Lab tests using job conditions are recommended.	
Properties	ZrO ₂ content	ca. 12.5 %
	Active content	ca. 70 %
	Color	colorless to brownish
	Density (20 °C)	ca. 1.25 kg/l
	Viscosity (20 °C)	ca. 150 mPa*s
	Flash Point	> 100 °C
Safety and Handling	For specific safety, handling and toxicity, please refer to the current Material Safety Data Sheet	
Typical Shelf Life	12 month (storing under appropriate conditions)	
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