

## Technical Data Sheet

**KRASOL<sup>®</sup> LBH 3000**  
**KRASOL<sup>®</sup> LBH 3000 CF****Hydroxyl Terminated Polybutadiene****DESCRIPTION:**

Krasol<sup>®</sup> LBH 3000 is a linear, low molecular weight, polybutadiene polymer. The polymer is terminated with secondary hydroxyl groups with a hydroxyl functionality of 1.95. The resin is liquid at room temperature and is miscible in non-polar organic liquids, oils, and bitumens.

**PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES:**

Good electrical insulative properties  
Good low temperature flexibility  
Narrow molecular weight distribution  
Hydrolytically stable  
Forms stable prepolymers

**SUGGESTED APPLICATIONS:**

Prepolymers  
Thermoplastic elastomers  
Adhesives and sealants  
Coatings  
Electrical potting and encapsulation  
Polymer modification  
Polyurethanes

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:**

Property	Test Method	Value	Unit
Molecular Weight (Mn)	GPC	3,000	g/mol
1,2 Vinyl	Proton NMR	65	wt. %
Viscosity @ 25°C	Brookfield	20,000	cps
Tg	DSC	-35	°C
Specific Gravity @ 25°C	ASTM D891	0.89	-
-OH (Groups/Chain)	FT-NIR	1.9	-

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