

Technical Data Sheet

# KRASOL<sup>®</sup> LBH 2000 / KRASOL<sup>®</sup> LBH 2000 CF

## Hydroxyl Terminated Polybutadiene

### DESCRIPTION:

Krasol<sup>®</sup> LBH 2000 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	2,100	g/mol
1,2 Vinyl	Proton NMR	65	wt. %
Viscosity @ 25°C	Brookfield	13,000	cps
Tg	DSC	-35	°C
Specific Gravity @ 25°C	ASTM D891	0.89	-
-OH (Groups/Chain)	FT-NIR	1.9	-

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