

Technical Data Sheet

KRASOL[®] LBH 3000 LO

KRASOL[®] LBH 3000 LO CF

Hydroxyl Terminated Polybutadiene

DESCRIPTION:

Krasol[®] LBH 3000 LO is a lower odor, 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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