

Technical Data Sheet

Krasol[®] LBH 5000M / Krasol[®] LBH 5000M CF**Hydroxyl Terminated Polybutadiene Monol****DESCRIPTION:**

Krasol[®] LBH 5000M is a linear polybutadiene polymer with a single hydroxyl end group. LBH 5000M is a liquid at ambient temperature. The product is miscible in non-polar organic liquids, oils, and bitumens. It is particularly useful as the polyol component in polyurethane systems.

PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES:

Excellent chemical resistance
Electrical insulative properties
Good low temperature properties
Single hydroxyl functionality
Narrow molecular weight distribution
Hydrolytically stable

SUGGESTED APPLICATIONS:

Chemical intermediate
Oil Additive
Enhancer for polyurethanes
Polymer modification

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Property	Test Method	Value	Unit
Molecular Weight (Mn)	GPC	5,000	g/mol
1,2 Vinyl	Proton NMR	65	wt. %
Viscosity @ 25°C	Brookfield	25,000	cps
Tg	DSC	-45	°C
Specific Gravity @ 25°C	ASTM D891	0.89	-
-OH (Groups/Chain)	FT-NIR	0.98	-

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