

Technical Data Sheet

KRASOL[®] HLBH P 2000

KRASOL[®] HLBH P 2000 CF

Hydrogenated Hydroxyl Terminated Polyolefin

DESCRIPTION:

Krasol[®] HLBH P 2000 is a clear, saturated, aliphatic liquid polyol. The resin provides UV stability, enabling formulators to develop polyurethane coatings that will not yellow or lose their critical mechanical properties. In addition, Krasol[®] HLBH P 2000 provides improved heat resistance and adhesion to difficult substrates (i.e. polyolefins) compared to standard hydroxyl-terminated polybutadiene resins.

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
Viscosity @ 60°C	Brookfield	1,750	cps
Tg	DSC	-46	°C
Specific Gravity @ 25°C	ASTM D891	0.88	-
-OH (Groups/Chain)	FT-NIR	1.9	-
Water Content	TM8003	<0.05	wt. %
Hydrogenation Extent	Iodine Value Titration	>96	%

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