

CRAY VALLEY

Technical Data Sheet

KRASOL® HLBH P 3000

Hydrogenated Hydroxyl Terminated Polyol

DESCRIPTION

Krasol® HLBH P 3000 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 3000 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	3,000	g/mol
Viscosity @ 60°C	Brookfield	3,000	cps
Tg	DSC	-46	°C
Specific Gravity @ 25°C	ASTM D891	0.88	-
-OH (Groups/Chain)	FT-NIR	1.9	-
Water Content	TM8003	<0.03	wt. %
Hydrogenation Extent	Iodine Value Titration	>96	%

Regulatory Notice: EAR99 - No license required



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