

# CRAY VALLEY

## Technical Data Sheet

# KRASOL® HLBH 5000M H CF

## Hydrogenated Hydroxyl Terminated Aliphatic Monol

### DESCRIPTION

Krasol® HLBH 5000M H CF is saturated, aliphatic liquid polyol. The resin provides UV stability, enabling formulators to modify polyurethane coatings that will not yellow or lose their critical mechanical properties. In addition, Krasol® HLBH 5000M H CF provides improved heat resistance and adhesion to difficult substrates (i.e. polyolefins) compared to standard hydroxyl-terminated polybutadiene resins.

### 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	Value	Unit
Molecular Weight (Mn)	4,700	g/mol
Viscosity @ 25°C	65,000	cps
Tg	-57	°C
Specific Gravity @ 25°C	0.88	-
-OH (Groups/Chain)	0.92	-
Water Content	<0.05	wt. %
Hydrogenation Extent	>96	%

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