

# 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



'CRAY VALLEY' is a brand name only. The Business Unit name 'CRAY VALLEY' or the brand name 'CRAY VALLEY' may be used for promotion and/or sale of CRAY VALLEY products by TotalEnergies Petrochemicals & Refining USA Inc. ('TEPRI') or by Cray Valley SA, Cray Valley HSC Asia Limited, Cray Valley (Guangzhou) Chemical Co., Ltd, Cray Valley Italia S.r.l and Cray Valley Czech S.r.o. ('Cray Valley Legal Entities'). TEPRI and each of the Cray Valley Legal Entities are independent entities (each are individually referred to as "SELLER"). The information contained in this document is believed to be true and accurate on the date issued. Seller reserves the right to make any changes to the product according to technological progress or further developments. FINAL DETERMINATION OF SUITABILITY AND USE OF ANY PRODUCT FOR PROCESSING, USE, SALE, MARKETING, OR OTHER APPLICATION(S) IS THE SOLE RESPONSIBILITY OF THE BUYER/USER. IN NO EVENT WILL ANY SELLER ASSUME ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN OR RELIANCE THEREON. SELLER MAKES NO WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, REGARDING THE PRODUCT OR THE INFORMATION CONTAINED IN THIS DOCUMENT, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO SELLER. SELLER MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF THE PRODUCT(S) FOR PROCESSING OR FOR BUYER'S/USER'S INTENDED USE, PROCESSING, APPLICATION, SALE, OR MARKETING. SELLER MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, OF ANY TECHNICAL SUPPORT, ANY PROPRIETARY INFORMATION PROVIDED, OR THE RESULTS THAT MIGHT BE OBTAINED FROM TECHNICAL SUPPORT. ALTERATION OF THIS DOCUMENT IS STRICTLY PROHIBITED. For further information please contact your local sales representative or visit [www.crayvalley.com](http://www.crayvalley.com)