

Technical Data Sheet

# KRASOL<sup>®</sup> HLBH P 2000

## KRASOL<sup>®</sup> HLBH P 2000 CF

### Hydrogenated Hydroxyl Terminated Polyolefin

**DESCRIPTION:**

Krasol<sup>®</sup> 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<sup>®</sup> 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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