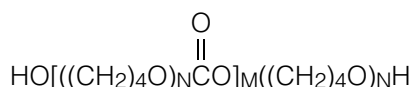


PolyTHF[®]CD polyether-polycarbonatediol 2000

Formula: see below
 Molecular Weight: 2000
 Product Number: 682801
 CAS Registry Number: 92538-66-4



Product Specifications	Value	Test Method
Molecular weight (calculated)	2000 ± 120	DIN 53240
Hydroxyl number, mg KOH/g	52.9-59.7	DIN 53240
Typical values:		
Water, %	< 0.03	DIN 51 777
Color, APHA	< 50	DIN 53 409
Acid number, mg KOH/g	< 0.05	DIN 53402

Physical Properties
Softening point, °C 18
Density @ 60°C, g/cm ³ 1.048
Flash point, °C 204

Description

PolyTHF[®]CD polyetherpolycarbonatediol 2000 is a difunctional linear polymer with ether and carbonate linkages in the polymer's backbone. While soluble in almost all conventional organic solvents, it is barely soluble in water. It is a colorless liquid at room temperature.

Safety

PolyTHF[®]CD polyetherpolycarbonatediol 2000 is not classified as a hazardous substance.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Applications

PolyTHF[®]CD polyetherpolycarbonatediol 2000 is a high molecular weight soft segment used in the formulating of elastomers. Applications include:

- thermoplastic urethanes
- coatings
- copolymers

- adhesives and sealants
- fibers
- cast urethanes

Products of PolyTHF[®]CD polyether-polycarbonatediol 2000 are recognized for their resistance to:

- hydrolysis
- solvents
- oils and microbes
- low temperature behavior
- transparency

Packaging

Available in 441 lb (net weight) non-returnable steel drums.

Storage & Handling

PolyTHF[®]CD polyetherpolycarbonatediol 2000 is hygroscopic and needs to be protected from moisture and air. A dry nitrogen blanket should be applied to open containers before resealing.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

IMPORTANT: While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

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