

BASF PolyTHF® 650 Polyether

Category : Polymer

Material Notes:

Description: PolyTHF 650 is a colorless, odorless waxy substance. It is sparingly soluble in water and soluble organic solvents. Applications: Intermediate used in the production of: Synthesis of elastomers, Spandex Fibers, TPU, TPE-E, and Cast elastomers. Formula: $H[O(CH_2)_4]_nOH$ Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-PolyTHF-650-Polyether.php

Physical Properties	Metric	English	Comments
Density	0.987 g/cc @Temperature 25.0 °C	0.0357 lb/in ³ @Temperature 77.0 °F	
Molecular Weight	625 - 675 g/mol	625 - 675 g/mol	8444

Thermal Properties	Metric	English	Comments
Melting Point	25.0 °C	77.0 °F	
Boiling Point	>= 250 °C	>= 482 °F	
Flash Point	>= 215 °C	>= 419 °F	

Chemical Properties	Metric	English	Comments
Total Acid Number	0.050	0.050	[mg KOH/g]; 8438

Descriptive Properties	Value	Comments
Color	<40	APHA, 10605
Hydroxyl Number	166.2-179.5 mg KOH/g	8444
Stabilizer	200-350 ppm	8846

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