

Covestro Bayfill® EA 2002 Polyurethane Energy-Absorbing Semi-Rigid Foam, Friable Grade, MDI-based 2-Component Liquid System

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

Material Notes:

Information provided by Bayer Corporation, Polyurethanes DivisionAs of 1 September 2015, Bayer MaterialScience was separated from Bayer AG and officially adopted its new name – Covestro.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Bayfill-EA-2002-Polyurethane-Energy-Absorbing-Semi-Rigid-Foam-Friable-Grade-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	0.281 g/cc	0.0102 lb/in ³	Molded density, ASTM D1622
Apparent Bulk Density	0.248 g/cc	0.00896 lb/in ³	Free-rise Density, Bayer test
Water Absorption	0.70 %	0.70 %	2.5 hours. Bayer Test
	2.4 %	2.4 %	24 hours. Bayer Test
Linear Mold Shrinkage	0.00080 cm/cm	0.00080 in/in	Bayer Test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	3.70 MPa	537 psi	ASTM D638
Elongation at Break	3.2 %	3.2 %	ASTM D638
Compressive Yield Strength	19.7 MPa	2860 psi	Static, 70% Compression, ASTM D1621

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