

Covestro Bayfill® EA 4003 Polyurethane Energy-Absorbing Semi-Rigid Foam, Rigid 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-4003-Polyurethane-Energy-Absorbing-Semi-Rigid-Foam-Rigid-Grade-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	0.0720 g/cc	0.00260 lb/in ³	Molded density, ASTM D1622
Apparent Bulk Density	0.0480 g/cc	0.00173 lb/in ³	Free-rise Density, Bayer test
Water Absorption	8.9 %	8.9 %	2.5 hours. Bayer Test
	15.9 %	15.9 %	24 hours. Bayer Test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	0.350 MPa	50.8 psi	ASTM D638
Elongation at Break	11.2 %	11.2 %	ASTM D638
Compressive Yield Strength	0.390 MPa	56.6 psi	Static, 70% Compression, ASTM D1621

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