

Covestro Bayfill® EA 6005 Polyurethane Energy-Absorbing Semi-Rigid Foam, Recoverable Grade, MDI-based 2-Component Liquid System

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

Material Notes:

Information provided by Bayer Corporation, Polyurethanes Division As of 1 September 2015, Bayer Material Science 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-6005-Polyurethane-Energy-Absorbing-Semi-Rigid-Foam-Recoverable-Grade-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	0.115 g/cc	0.00415 lb/in ³	Molded density, ASTM D1622
Apparent Bulk Density	0.0800 g/cc	0.00289 lb/in ³	Free-rise Density, Bayer test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	0.560 MPa	81.2 psi	ASTM D638
Elongation at Break	14 %	14 %	ASTM D638
Compressive Yield Strength	1.00 MPa	145 psi	Static, 70% Compression, ASTM D1621
Tear Strength	2.10 kN/m	12.0 pli	Die C; ASTM D624

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