

## Covestro Bayfill® EA 4002 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-4002-Polyurethane-Energy-Absorbing-Semi-Rigid-Foam-Rigid-Grade-MDI-based-2-Component-Liquid-System.php](http://www.lookpolymers.com/polymer_Covestro-Bayfill-EA-4002-Polyurethane-Energy-Absorbing-Semi-Rigid-Foam-Rigid-Grade-MDI-based-2-Component-Liquid-System.php)

Physical Properties	Metric	English	Comments
Density	0.0560 g/cc	0.00202 lb/in <sup>3</sup>	Molded density, ASTM D1622
Apparent Bulk Density	0.0350 g/cc	0.00126 lb/in <sup>3</sup>	Free-rise Density, Bayer test
Water Absorption	18 %	18 %	2.5 hours. Bayer Test
	25.7 %	25.7 %	24 hours. Bayer Test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	0.310 MPa	45.0 psi	ASTM D638
Elongation at Break	10.6 %	10.6 %	ASTM D638
Compressive Yield Strength	0.320 MPa	46.4 psi	Static, 70% Compression, ASTM D1621

## Contact Songhan Plastic Technology Co.,Ltd.

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