

Covestro Bayfill® 312 Polyurethane Semi-Rigid Foam, 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-312-Polyurethane-Semi-Rigid-Foam-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	0.0960 g/cc	0.00347 lb/in ³	Molded density, ASTM D3574-A
Apparent Bulk Density	0.0720 g/cc	0.00260 lb/in ³	Free-rise Density, Bayer test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	0.270 MPa	39.2 psi	ASTM D3574E
Elongation at Break	52 %	52 %	ASTM D3574E
Compressive Yield Strength	0.0440 MPa	6.38 psi	50% Compression, ASTM D3574-D
Tear Strength	0.300 kN/m	1.71 pli	Split Tear Strength, ASTM D3574-F
Compression Set	54 %	54 %	Test C, ASTM D3574 Dry

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