

Covestro Baydur® SFR-243 Polyurethane Composite RRIM Foam, 15% Milled Glass Filled, MDI-based 2-Component Liquid System

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Glass Filled

Material Notes:

0.25 in. thickness. 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-Baydur-SFR-243-Polyurethane-Composite-RRIM-Foam-15-Milled-Glass-Filled-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	0.580 g/cc	0.0210 lb/in ³	ASTM D792
Apparent Bulk Density	0.580 g/cc	0.0210 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0024 cm/cm	0.0024 in/in	Bayer Test

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	43	43	ASTM D2240
Tensile Strength, Ultimate	17.0 MPa	2470 psi	ASTM D638/D412
Elongation at Break	11 %	11 %	ASTM D638/D412
Flexural Yield Strength	37.0 MPa	5370 psi	ASTM D790
Flexural Modulus	1.42 GPa	206 ksi	ASTM D790
Izod Impact, Unnotched	0.850 J/cm	1.59 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	49.0 °C	120 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China