

Covestro Baydur® STR/C-400 BB Polyurethane Composite SRIM Foam, 60% Glass Filled, MDI-based 2-Component Liquid System

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

Material Notes:

Contains directed chopped fiber preform glass.0.16 in. thickness.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-Baydur-STRC-400-BB-Polyurethane-Composite-SRIM-Foam-60-Glass-Filled-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	1.71 g/cc	0.0618 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.00050 cm/cm	0.00050 in/in	Bayer Test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	221 MPa	32100 psi	ASTM D638/D412
Elongation at Break	1.8 %	1.8 %	ASTM D638/D412
Flexural Yield Strength	432 MPa	62700 psi	ASTM D790
Flexural Modulus	15.0 GPa	2180 ksi	ASTM D790
Izod Impact, Notched	16.4 J/cm	30.7 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	14.0 µm/m-°C	7.78 µin/in-°F	ASTM D696
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	213 °C	415 °F	ASTM D648

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