

Covestro Baydur® STR/F-275 IMR Polyurethane Composite SRIM Foam, 20% Glass Filled, MDI-based 2-Component Liquid System

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

Material Notes:

Contains continuous strand fiberglass mat.0.0985 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-STRF-275-IMR-Polyurethane-Composite-SRIM-Foam-20-Glass-Filled-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	0.500 g/cc	0.0181 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.10 cm/cm	0.10 in/in	Bayer Test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	22.0 MPa	3190 psi	ASTM D638/D412
Flexural Yield Strength	26.0 MPa	3770 psi	ASTM D790
Flexural Modulus	1.65 GPa	239 ksi	ASTM D790

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)	70.0 °C	158 °F	ASTM D648

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