

Covestro Baydur® STR/F-375 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.0.125 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-375-Polyurethane-Composite-SRIM-Foam-20-Glass-Filled-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	0.510 g/cc	0.0184 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	Bayer Test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	21.0 MPa	3050 psi	ASTM D638/D412
Elongation at Break	1.7 %	1.7 %	ASTM D638/D412
Flexural Yield Strength	39.0 MPa	5660 psi	ASTM D790
Flexural Modulus	1.27 GPa	184 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	20.0 μm/m-°C	11.1 μin/in-°F	ASTM D696
	@Temperature 20.0 °C	@Temperature 68.0 °F	

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