

## Covestro Baydur® STR/C-410 IMR 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 continuous strand fiberglass mat.0.126 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-410-IMR-Polyurethane-Composite-SRIM-Foam-60-Glass-Filled-MDI-based-2-Component-Liquid-System.php](http://www.lookpolymers.com/polymer_Covestro-Baydur-STRC-410-IMR-Polyurethane-Composite-SRIM-Foam-60-Glass-Filled-MDI-based-2-Component-Liquid-System.php)

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	303 MPa	43900 psi	ASTM D638/D412
Elongation at Break	2.5 %	2.5 %	ASTM D638/D412
Flexural Yield Strength	430 MPa	62400 psi	ASTM D790
Flexural Modulus	12.57 GPa	1823 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	15.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	8.33 $\mu\text{in}/\text{in}\cdot\text{°F}$	ASTM D696
	@Temperature 20.0 $\text{°C}$	@Temperature 68.0 $\text{°F}$	
Deflection Temperature at 1.8 MPa (264 psi)	195 $\text{°C}$	383 $\text{°F}$	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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