

## Covestro Baydur® 660 IBS Polyurethane Structural Foam RIM, Density 30 pcf, MDI-based 2-Component Liquid System

Category : Other Engineering Material , Composite Core Material , Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

### Material Notes:

0.25 in. thickness. IBS = Interactive Blowing System RIM = Reaction Injection Molding 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-660-IBS-Polyurethane-Structural-Foam-RIM-Density-30-pcf-MDI-based-2-Component-Liquid-System.php](http://www.lookpolymers.com/polymer_Covestro-Baydur-660-IBS-Polyurethane-Structural-Foam-RIM-Density-30-pcf-MDI-based-2-Component-Liquid-System.php)

Physical Properties	Metric	English	Comments
Density	0.480 g/cc	0.0173 lb/in <sup>3</sup>	ASTM D792
Apparent Bulk Density	0.480 g/cc	0.0173 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	Bayer Test

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	55	55	ASTM D2240
Tensile Strength, Ultimate	13.0 MPa	1890 psi	ASTM D638/D412
Elongation at Break	7.0 %	7.0 %	ASTM D638/D412
Flexural Yield Strength	24.0 MPa	3480 psi	ASTM D790
Flexural Modulus	0.730 GPa	106 ksi	ASTM D790
Compressive Yield Strength	17.0 MPa	2470 psi	ASTM D395
Charpy Impact, Notched	0.950 J/cm <sup>2</sup>	4.52 ft-lb/in <sup>2</sup>	Bayer Test

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.0 °C	171 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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