

## Covestro Baydur® SFR-243 Polyurethane Composite RRIM Foam, MDI-based 2-Component Liquid System

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

### Material Notes:

0.25 in. thickness. 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-SFR-243-Polyurethane-Composite-RRIM-Foam-MDI-based-2-Component-Liquid-System.php](http://www.lookpolymers.com/polymer_Covestro-Baydur-SFR-243-Polyurethane-Composite-RRIM-Foam-MDI-based-2-Component-Liquid-System.php)

Physical Properties	Metric	English	Comments
Density	0.580 g/cc	0.0210 lb/in <sup>3</sup>	ASTM D792
Apparent Bulk Density	0.580 g/cc	0.0210 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage	0.0056 cm/cm	0.0056 in/in	Bayer Test

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	ASTM D2240
Tensile Strength, Ultimate	19.0 MPa	2760 psi	ASTM D638/D412
Elongation at Break	16 %	16 %	ASTM D638/D412
Flexural Yield Strength	34.0 MPa	4930 psi	ASTM D790
Flexural Modulus	0.990 GPa	144 ksi	ASTM D790
Izod Impact, Unnotched	0.850 J/cm	1.59 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	47.0 °C	117 °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