

Covestro Bayflex® 110 RIM-LITE Polyurethane Elastomeric RIM, 13% Mineral Filled, MDI-based 2-Component Liquid System

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Glass Filled , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Contains 10% calcium silicate and 3% glass microspheres. 0.15 in. thickness. 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-Bayflex-110-RIM-LITE-Polyurethane-Elastomeric-RIM-13-Mineral-Filled-MDI-based-2-Component-Liquid-System.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	Bayer Test

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	16.0 MPa	2320 psi	ASTM D638/D412
Elongation at Break	90 %	90 %	ASTM D638/D412
Flexural Modulus	0.500 GPa	72.5 ksi	ASTM D790
Tear Strength	70.0 kN/m	399 pli	Die C; ASTM D624

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