

## 3M RPF-C (0.382 g/cc) (Reinforced Polyurethane Foam) Continuous Strand Fiberglass

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

### Material Notes:

3M™ RPF-C (Reinforced Polyurethane Foam) is a polyurethane foam with layers of continuous strand fiberglass throughout the polyurethane matrix. The composites are 37% to 60% lighter than plywood, dimensionally stable, very low water absorption (0.75% or less) and will not have any water rot or insect infestation. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-RPF-C-0382-gcc-Reinforced-Polyurethane-Foam-Continuous-Strand-Fiberglass.php](http://www.lookpolymers.com/polymer_3M-RPF-C-0382-gcc-Reinforced-Polyurethane-Foam-Continuous-Strand-Fiberglass.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.75 %	0.75 %	ASTM C272

Mechanical Properties	Metric	English	Comments
Flexural Strength	26.41 MPa	3831 psi	ASTM D790
Flexural Modulus	0.7577 GPa	109.9 ksi	ASTM D790
Compressive Strength	5.46 MPa	792 psi	Core; ASTM C365
Compressive Modulus	0.05391 GPa	7.819 ksi	Core; ASTM C365
Shear Modulus	0.01528 GPa	2.216 ksi	Core; ASTM C273
Shear Strength	4.75 MPa	689 psi	Core; ASTM C273

## Contact Songhan Plastic Technology Co.,Ltd.

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