

Glastic GLASGUARD Scuff and Bulkhead Liners

Category : Polymer , Thermoset , Composite SMC , Filled/Reinforced Thermoset , Polyester, TS

Material Notes:

GlasGuard Scuff and Bulkhead Liners serve as a method of protecting trailer walls from damage caused by forklift trucks and careless loading and unloading of freight. Manufactured of 1/4" thick fiberglass-reinforced plastic (FRP). Offers lasting durability, no jagged edges, corrosion, rust, and moisture absorption resistance, weighs less, costs less, and fits flat. USDA approved. Information provided by Glastic Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Glastic-GLASGUARD-Scuff-and-Bulkhead-Liners.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.78 g/cc	1.78 g/cc	ASTM D-792
Water Absorption	0.30 %	0.30 %	% by wt.; ASTM D-570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	98.53 MPa	14290 psi	ASTM D-638
Tensile Modulus	12.6 GPa	1830 ksi	ASTM D-638
Flexural Strength	150.1 MPa	21770 psi	ASTM D-790
Flexural Modulus	12.1 GPa	1760 ksi	ASTM D-790
Compressive Strength	268 MPa	38900 psi	ASTM D-695
Shear Strength	92.4 MPa	13400 psi	ASTM D-732
Izod Impact, Notched	5.23 J/cm	9.80 ft-lb/in	ASTM D-256

Thermal Properties	Metric	English	Comments
CTE, linear	22.0 $\mu\text{m/m-}^{\circ}\text{C}$	12.2 $\mu\text{in/in-}^{\circ}\text{F}$	ASTM D-696
	@Temperature 20.0 $^{\circ}\text{C}$	@Temperature 68.0 $^{\circ}\text{F}$	
Thermal Conductivity	0.260 W/m-K	1.80 BTU-in/hr-ft ² - $^{\circ}\text{F}$	ASTM C-177

Descriptive Properties	Value	Comments
Standard Color	White	

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