

Quantum Composites QC-7752 50% Glass Fiber Heat Resistant Polyester SMC (discontinued **)

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

Material Notes:

QC-7752 is a modified polyester sheet molding compound (SMC) that is designed for applications requiring high strength, good environmental resistance, and resistance to elevated temperatures. It offers fast molding cycles and good surface appearance. Form and Colors = Roll, Off White/Black/Gray. Glass Length = 1 inch. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Quantum-Composites-QC-7752-50-Glass-Fiber-Heat-Resistant-Polyester-SMC-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Density	1.85 g/cc	0.0668 lb/in ³	ASTM D792
Water Absorption	0.15 %	0.15 %	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	58	58	ASTM D2583
Tensile Strength, Ultimate	193 MPa	28000 psi	ASTM D638
Tensile Modulus	17.9 GPa	2600 ksi	ASTM D638
Flexural Yield Strength	310 MPa	45000 psi	ASTM D790
Flexural Modulus	14.5 GPa	2100 ksi	ASTM D790
Compressive Yield Strength	172 MPa	24900 psi	ASTM D695
Izod Impact, Notched	14.4 J/cm	27.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Shrinkage	0.0010 %	0.0010 %	

Processing Properties	Metric	English	Comments
Processing Temperature	132 - 157 °C	270 - 315 °F	Mold temperature

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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