

Quantum Composites QC-8151C 55% Glass Fiber Vinyl Ester Static-Dissipative SMC (discontinued **)

Category : Polymer , Thermoset , Composite SMC , Filled/Reinforced Thermoset , Vinyl Ester , Vinyl Ester Sheet Molding Compound

Material Notes:

QC-8151C is a vinyl ester sheet molding compound (SMC) designed for compression molding components requiring dimensional stability, resistance to high temperatures plus sufficient electrical conductivity to dissipate static charge. It also offers excellent chemical resistance, light weight, low heat absorption and high strength at both room and elevated temperatures. This electrical conductivity is built into and throughout the composite. It is designed to mold and cure at lower temperatures than QC-8150C. Form and Color = Rolled Sheet, Gray. Glass Fiber Length = 1 inch. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Quantum-Composites-QC-8151C-55-Glass-Fiber-Vinyl-Ester-Static-Dissipative-SMC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.75 g/cc	0.0632 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	206 MPa	29900 psi	ASTM D638
Flexural Yield Strength	344 MPa	49900 psi	ASTM D790
Flexural Modulus	15.1 GPa	2190 ksi	ASTM D790
Izod Impact, Notched	12.8 J/cm	24.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Shrinkage	0.00020 %	0.00020 %	

Processing Properties	Metric	English	Comments
Processing Temperature	93.0 - 121 °C	199 - 250 °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