

## Applied Composites 8007 Polyester SMC

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

**Material Notes:**

Industry Application: ConstructionProduct Application: Water TreatmentDistinct Features: Pigmentable, Low Water Absorption, Weathering Resistant, Good Corrosion Resistance in Waste Water EnvironmentInformation provided by Applied Composites Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Applied-Composites-8007-Polyester-SMC.php](http://www.lookpolymers.com/polymer_Applied-Composites-8007-Polyester-SMC.php)

Physical Properties	Metric	English	Comments
Density	1.80 g/cc	0.0650 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.20 %	0.20 %	ASTM D570
Linear Mold Shrinkage	0.00090 cm/cm	0.00090 in/in	Cold Part VS Cold Tool; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	45	45	ASTM D2583
Hardness, Rockwell M	106	106	ASTM D785
Tensile Strength, Ultimate	89.6 MPa	13000 psi	ASTM D638
Tensile Modulus	13.1 GPa	1900 ksi	ASTM D638
Flexural Strength	159 MPa	23000 psi	ASTM D790
Flexural Modulus	8.96 GPa	1300 ksi	Tangent; ASTM D790
Izod Impact, Notched	6.94 J/cm	13.0 ft-lb/in	ASTM D256
Taber Abrasion, mg/1000 Cycles	0.70	0.70	% Loss 1000 Cycles; FTMS1091

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 204 °C	>= 400 °F	Flexural Load; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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