

Spartech Royalite R86 PVC Acrylic Weather Resistant Sheet

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Vinyl (PVC) , PVC/Acrylic Alloy

Material Notes:

Description: Weather Resistant Sheet Information provided by Spartech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Spartech-Royalite-R86-PVC-Acrylic-Weather-Resistant-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 - 1.38 g/cc	1.33 - 1.38 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	97	97	ASTM D785
Tensile Strength, Yield	39.3 MPa	5700 psi	ASTM D638
Flexural Yield Strength	62.1 MPa	9000 psi	ASTM D790
Flexural Modulus	2.21 GPa	320 ksi	ASTM D790
Izod Impact, Notched	8.01 J/cm	15.0 ft-lb/in	73°F; ASTM D256
Impact Test	25.8 J @Temperature 22.8 °C	19.0 ft-lb @Temperature 73.0 °F	Dynatup Instrumented Impact; ASTM D3763

Thermal Properties	Metric	English	Comments
CTE, linear	90.0 µm/m-°C @Temperature 20.0 °C	50.0 µin/in-°F @Temperature 68.0 °F	ASTM D696
Deflection Temperature at 1.8 MPa (264 psi)	68.3 °C	155 °F	ASTM D648
Flammability, UL94	V-0	V-0	5V

Descriptive Properties	Value	Comments
Flammability	Passes	MVSS (Motor Vehicle Safety Standard) 302

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