

S-RIM™ 6261 Tan

Thermoplastic

Hapco Inc.

Message:

S-RIM™ 6261 Tan is a Thermoplastic product. It can be processed by structural react. inject. molding (srin) and is available in North America.

Characteristics include:

Fast Molding Cycle

Heat Resistant

General Information			
Features	Fast Molding Cycle		
	High Heat Resistance		
Appearance	Tan		
Forms	Liquid		
Processing Method	Structural React. Inject. Molding (SRIM)		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D4669
Molding Shrinkage - Flow	0.40 to 0.80	%	ASTM D2566
Weight - per cubic inch	18	g	
Gel Time ¹ (25°C)	1.0	min	ASTM D2971
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	655	MPa	ASTM D638
Tensile Strength	60.0	MPa	ASTM D638
Tensile Elongation (Break)	17	%	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Flexural Strength	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	11	J/m	ASTM D256
Unnotched Izod Impact	62	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed ²	189	°C	
0.45 MPa, Unannealed ³	108	°C	
1.8 MPa, Unannealed ⁴	157	°C	
1.8 MPa, Unannealed ⁵	117	°C	
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		

Part B	Mix Ratio by Weight: 85, Mix Ratio by Volume: 100		
Thermoset Mix Viscosity (25°C)	600	cP	ASTM D4878
Demold Time (21°C)	5.0 to 12	min	Internal Method
NOTE			
1.	100 g		
2.	post cured at 140°C		
3.	post cured at 80°C		
4.	post cured at 140°C		
5.	post cured at 80°C		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

