

S-RIM™ 6260 Black

Thermoplastic

Hapco Inc.

Message:

S-RIM™ 6260 Black is a Thermoplastic product. It can be processed by structural react. inject. molding (srim) and is available in North America.

Characteristics include:

Fast Molding Cycle

Heat Resistant

General Information			
Features	Fast Molding Cycle		
	High Heat Resistance		
Appearance	Black		
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	53.1	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	1820	MPa	ASTM D790
Flexural Strength	73.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	9.6	J/m	ASTM D256
Unnotched Izod Impact	56	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	117	°C	
1.8 MPa, Unannealed ⁵	157	°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: 86, 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 80°C
5. post cured at 140°C

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