

SAXALAC™ 207

Acrylonitrile Butadiene Styrene

SAX Polymers

Message:

Saxalac 207 is a high heat ABS, characterized by high impact strength and high stiffness.

General Information			
Features	High Heat Resistance		
	High Impact Resistance		
	High Stiffness		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	7.00	cm ³ /10min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	ISO 294-4
Moisture Content ¹	< 0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2700	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	55.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	8.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.0	kJ/m ²	
23°C	9.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	70	kJ/m ²	
23°C	100	kJ/m ²	
Notched Izod Impact Strength			ISO 180/1A
-30°C	6.0	kJ/m ²	
23°C	10	kJ/m ²	
Unnotched Izod Impact Strength			ISO 180
-30°C	60	kJ/m ²	
23°C	90	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ² (1.8 MPa, Unannealed, 60.0 mm Span)	95.0	°C	ISO 75-2/A
Vicat Softening Temperature	109	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index	650	°C	IEC 60695-2-12

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	60.0 to 90.0	°C

NOTE

1. B130
2. 80*10*4mm

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