

Michirene S13200

General Purpose Polystyrene

API Polymers, Inc.

Message:

Michirene S13200 is a general-purpose polystyrene product. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus - Tangent	3240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	88.0	°C	ASTM D648
Additional Information			
Drying is usually not necessary			
Injection	Nominal Value	Unit	
Drying Temperature	77.0	°C	
Drying Time	2.0	hr	
Rear Temperature	204	°C	
Middle Temperature	210	°C	
Front Temperature	216	°C	
Nozzle Temperature	221	°C	
Processing (Melt) Temp	227	°C	
Mold Temperature	49.0	°C	

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Recommended distributors for this material

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