

Michirene S13100

High Impact Polystyrene

API Polymers, Inc.

Message:

Michirene S13100 is a high impact polystyrene product. It is available in North America. The main characteristics are: impact resistance.

General Information			
Features	Impact resistance, high		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1590	MPa	ASTM D638
Tensile Strength (Yield)	26.9	MPa	ASTM D638
Tensile Elongation (Break)	45	%	ASTM D638
Flexural Modulus - Tangent	1930	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	81.0	°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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