

Michiloy MT11220

Polycarbonate + PBT

API Polymers, Inc.

Message:

Michiloy MT11220 is a Polycarbonate + PBT (PC+PBT) product. It is available in North America. Primary characteristic: impact resistant.

General Information			
Features	High Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	49.6	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus - Tangent	1720	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	690	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	116	°C	
1.8 MPa, Unannealed	96.1	°C	
Injection	Nominal Value	Unit	
Drying Temperature	102	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.010	%	
Rear Temperature	246	°C	
Middle Temperature	249	°C	
Front Temperature	254	°C	
Nozzle Temperature	260	°C	
Processing (Melt) Temp	266	°C	
Mold Temperature	76.7	°C	

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Recommended distributors for this material

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