

Michiloy MT11210

Polycarbonate + PBT

API Polymers, Inc.

Message:

Michiloy MT11210 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	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	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	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

