

Michilex M5000

Polycarbonate

API Polymers, Inc.

Message:

Michilex M5000 is a Polycarbonate (PC) product. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.1	MPa	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus - Tangent	2340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	138	°C	
1.8 MPa, Unannealed	132	°C	
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	288	°C	
Middle Temperature	293	°C	
Front Temperature	299	°C	
Nozzle Temperature	299	°C	
Processing (Melt) Temp	299	°C	
Mold Temperature	82.2	°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

