

Niche PCM18BK

Polycarbonate

Niche Polymer, LLC

Message:

Niche PCM18BK is a Polycarbonate (PC) material. It is available in North America.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	62.0	MPa	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus	2330	MPa	ASTM D790
Flexural Strength	95.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C, 3.18 mm)	690	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	129	°C	ASTM D648
Melting Temperature	154	°C	ASTM D789

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Recommended distributors for this material

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