

Niche Polymer PCM18BK PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PCM18BK-PC.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00600 cm/cm	0.00600 in/in	ASTM D955
Melt Flow	18.0 g/10 min @Load 1.20 kg, Temperature 300 °C	18.0 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D123

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	62.0 MPa	8990 psi	ASTM D638
Elongation at Break	125 %	125 %	ASTM D638
Flexural Strength	95.8 MPa	13900 psi	ASTM D790
Flexural Modulus	2.34 GPa	339 ksi	ASTM D790
Izod Impact, Unnotched	6.94 J/cm @Thickness 3.17 mm	13.0 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	129 °C	264 °F	ASTM D648
Vicat Softening Point	154 °C	309 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China