

Niche Polymer PCABS N8BK PC/ABS

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PCABS N8BK-PCABS.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00600 cm/cm	0.00600 in/in	ASTM D955
Melt Flow	10.0 g/10 min @Load 4.50 kg, Temperature 260 °C	10.0 g/10 min @Load 9.92 lb, Temperature 500 °F	ASTM D123

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	61.4 MPa	8900 psi	ASTM D638
Elongation at Break	5.00 %	5.00 %	ASTM D638
Flexural Strength	89.6 MPa	13000 psi	ASTM D790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Unnotched	4.27 J/cm @Thickness 3.17 mm	8.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	112 °C	234 °F	ASTM D648
Vicat Softening Point	130 °C	266 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

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