

Niche Polymer ABSN4BK ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-ABSN4BK-ABS.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.00600 cm/cm	0.00600 in/in	ASTM D955
Melt Flow	8.00 g/10 min @Load 3.80 kg, Temperature 230 °C	8.00 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D123

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	44.0 MPa	6380 psi	ASTM D638
Elongation at Break	2.10 %	2.10 %	ASTM D638
Flexural Strength	71.7 MPa	10400 psi	ASTM D790
Flexural Modulus	2.34 GPa	339 ksi	ASTM D790
Izod Impact, Unnotched	2.14 J/cm @Thickness 3.17 mm	4.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	81.00 °C	177.8 °F	ASTM D648

Descriptive Properties	Value	Comments
Color	Black	

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