

Niche Polymer PPHM6BK Homopolymer PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Information provided by Niche Polymer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Niche-Polymer-PPHM6BK-Homopolymer-PP.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.000100 - 0.0200 cm/cm	0.000100 - 0.0200 in/in	ASTM D955
Melt Flow	6.00 g/10 min	6.00 g/10 min	ASTM D123

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 31.0 MPa	>= 4500 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Strength	48.3 MPa	7000 psi	ASTM D790
Flexural Modulus	>= 1.24 GPa	>= 180 ksi	ASTM D790
Izod Impact, Unnotched	0.427 J/cm @Thickness 3.17 mm	0.800 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	119 °C	246 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 165 °C	320 - 329 °F	ASTM D789

Descriptive Properties	Value	Comments
Color	Black	

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