

Multibase Multi-Pro® 2008 X Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Forms: Pellets Processing Methods: Injection Molding Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-2008-X-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	ASTM D955
Melt Flow	9.5 g/10 min	9.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	30.3 MPa	4400 psi	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Flexural Strength	45.5 MPa	6600 psi	ASTM D790
Flexural Modulus	2.56 GPa	371 ksi	Method I (3 point load), Procedure B); ASTM D790
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	73°F; ASTM D256
Gardner Impact	0.5649 J	0.4167 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	90.0 °C	194 °F	Unannealed; ASTM D648

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