

Multibase Multi-Pro® 2010 X Natural 20% Filler Content Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-2010-X-Natural-20-Filler-Content-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0067 cm/cm	0.0067 in/in	ASTM D955-89
Melt Flow	10 g/10 min	10 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	46.9 MPa	6800 psi	ASTM D638-95
Elongation at Break	21 %	21 %	ASTM D638-95
Flexural Strength	65.9 MPa	9560 psi	ASTM D790-95
Flexural Modulus	0.250 GPa	36.3 ksi	ASTM D790-95
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256-93a
Gardner Impact	1.70 J	1.25 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	68.0 °C	154 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	57.0 °C	135 °F	ASTM D648-95

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