

Multibase Multi-Pro® 1010 C Natural 10% 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-1010-C-Natural-10-Filler-Content-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.012 cm/cm	0.012 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	29.4 MPa	4260 psi	ASTM D638-95
Elongation at Break	686 %	686 %	ASTM D638-95
Flexural Strength	38.1 MPa	5530 psi	ASTM D790-95
Flexural Modulus	1.441 GPa	209.0 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	0.640 J/cm	1.20 ft-lb/in	ASTM D256-93a
Gardner Impact	5.10 J	3.76 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	62.0 °C	144 °F	ASTM D648-95

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