

Multibase Multi-Pro® 0110 X Natural Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

This product is suitable for moldings incorporating high temperature requirements. This material is specially formulated to be resistant to Copper, but is also resistant to most metals. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-0110-X-Natural-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.9055 g/cc	0.03271 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.018 - 0.022 cm/cm	0.018 - 0.022 in/in	ASTM D955-89
Melt Flow	4.0 g/10 min	4.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	33.8 MPa	4900 psi	ASTM D638-95
Elongation at Break	350 %	350 %	ASTM D638-95
Flexural Strength	37.2 MPa	5400 psi	ASTM D790-95
Flexural Modulus	1.414 GPa	205.1 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256-93a
Gardner Impact	9.70 J	7.15 ft-lb	ASTM D5420-93

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