

Multibase Multi-Pro® 0001 Black Polypropylene

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

Material Notes:

This product was specially designed for one customer's extrusion application needs. Data is taken from sample material only. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-0001-Black-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.9176 g/cc	0.03315 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0115 cm/cm	0.0115 in/in	ASTM D955-89
Melt Flow	2.2 g/10 min	2.2 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	22.3 MPa	3230 psi	ASTM D638-95
Elongation at Break	887 %	887 %	ASTM D638-95
Flexural Strength	23.8 MPa	3450 psi	ASTM D790-95
Flexural Modulus	0.806 GPa	117 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	1.44 J/cm	2.70 ft-lb/in	ASTM D256-93a
Gardner Impact	29.6 J	21.8 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	37.0 °C	98.6 °F	ASTM D648-95

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