

Multibase Multi-Pro® 2520 XU Black 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-2520-XU-Black-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in³	ASTM D792
Linear Mold Shrinkage	0.0081 cm/cm	0.0081 in/in	ASTM D955
Melt Flow	5.25 g/10 min	5.25 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	16.8 MPa	2440 psi	ASTM D638
Elongation at Break	140 %	140 %	ASTM D638
Flexural Strength	16.9 MPa	2450 psi	ASTM D790
Flexural Modulus	1.28 GPa	186 ksi	1% Secant; ASTM D790
Izod Impact, Notched	1.76 J/cm	3.29 ft-lb/in	73°F; ASTM D256
Gardner Impact	16.83 J	12.42 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.9 °C	201 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	56.1 °C	133 °F	Unannealed; ASTM D648

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