

Multibase Multi-Pro® 3010 X 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-3010-X-Black-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0055 - 0.010 cm/cm	0.0055 - 0.010 in/in	ASTM D955
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238
Ash	30 - 35 %	30 - 35 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	0.365 MPa	53.0 psi	ASTM D638
Elongation at Break	3.2 %	3.2 %	ASTM D638
Flexural Strength	0.538 MPa	78.0 psi	ASTM D790
Flexural Modulus	0.0269 GPa	3.90 ksi	1% Secant; ASTM D790
Izod Impact, Notched	1.71 J/cm	3.20 ft-lb/in	73°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	152 °C	306 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	131 °C	268 °F	Unannealed; ASTM D648
Flame Spread	<= 100 mm/min	<= 3.94 in/min	ISO 3795

Descriptive Properties	Value	Comments
Impact Change, % Max	25	ISO 180
Tensile Change, % Max	25	ISO R527

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