

Multibase Multi-Pro® 3018 CU Dark Green 30% 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-3018-CU-Dark-Green-30-Filler-Content-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	ASTM D955-89
Melt Flow	19 g/10 min	19 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	22.1 MPa	3210 psi	ASTM D638-95
Elongation at Break	125 %	125 %	ASTM D638-95
Flexural Strength	35.2 MPa	5110 psi	ASTM D790-95
Flexural Modulus	1.724 GPa	250.0 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	0.450 J/cm	0.843 ft-lb/in	ASTM D256-93a
Gardner Impact	8.50 J	6.27 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	113 °C	235 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	ASTM D648-95

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