

Multibase Multi-Pro® 3019 CXUW High Gloss 30% TiO2 Filler Content Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Multi-Pro 3019 CXUW is a mineral reinforced polypropylene compound exhibiting high stiffness and impact characteristics. This material was specially formulated with UV stabilization for outdoor applications, and is particularly suited for injection molding of lawn furniture. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-3019-CXUW-High-Gloss-30-TiO2-Filler-Content-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.010 cm/cm	0.010 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
Hardness, Shore D	73	73	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	26.9 MPa	3900 psi	ASTM D638-95
Elongation at Break	90 %	90 %	ASTM D638-95
Flexural Modulus	1.862 GPa	270.1 ksi	Secant 20% max load; ASTM D-790-95
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256-93a
Gardner Impact	10.2 J	7.52 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	96.0 °C	205 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ASTM D648-95

Optical Properties	Metric	English	Comments
Gloss	70 %	70 %	ASTM D2457-90

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