

Multibase Multi-Pro® 5002 CU Natural 50% Filler Content Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

This product is well suited for non-glossy appliance type parts. It replaces ABS at favorable cost performance characteristics and can be made UV stable. This product can be color matched in most custom colors. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-5002-CU-Natural-50-Filler-Content-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0080 cm/cm	0.0080 in/in	ASTM D955-89
Melt Flow	2.3 g/10 min	2.3 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	19.4 MPa	2810 psi	ASTM D638-95
Elongation at Break	900 %	900 %	ASTM D638-95
Flexural Strength	31.0 MPa	4500 psi	ASTM D790-92
Flexural Modulus	2.379 GPa	345.1 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	8.01 J/cm	15.0 ft-lb/in	ASTM D256-93a
Gardner Impact	22.6 J	16.7 ft-lb	ASTM D5420-93

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