

Lucent Polymers TPP-110 Polypropylene, Homopolymer, 10% Talc Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler

Material Notes:

Melt Flow Adjustable for ApplicationAdd "U" for UV StabilizedAdd "H" for Heat StabilizedInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-TPP-110-Polypropylene-Homopolymer-10-Talc-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.014 cm/cm @Thickness 3.17 mm	0.014 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.48 MPa	5001 psi	ASTM D638
Elongation at Break	>= 10 %	>= 10 %	ASTM D638
Flexural Strength	48.97 MPa	7103 psi	ASTM D790
Flexural Modulus	1.724 GPa	250.1 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm @Thickness 3.17 mm	0.500 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 Â°C	140 Â°F	ASTM D648

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