

Lucent Polymers CPP-240 Polypropylene, 40% Calcium Carbonate Filled, Impact Modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Calcium Carbonate (CaCO3) Filler

Material Notes:

Melt Flow Adjustable for Application Add "U" for UV Stabilized Add "H" for Heat Stabilized Information provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-CPP-240-Polypropylene-40-Calcium-Carbonate-Filled-Impact-Modified.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.012 cm/cm @Thickness 3.17 mm	0.012 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	>= 10 %	>= 10 %	ASTM D638
Flexural Strength	38.62 MPa	5601 psi	ASTM D790
Flexural Modulus	2.414 GPa	350.1 ksi	ASTM D790
Izod Impact, Notched	0.961 J/cm @Thickness 3.17 mm	1.80 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	65.56 Â°C	150.0 Â°F	ASTM D648

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