

## Lucent Polymers TPP-220 Polypropylene, 20% Talc Filled, Impact Modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% 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-220-Polypropylene-20-Talc-Filled-Impact-Modified.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-TPP-220-Polypropylene-20-Talc-Filled-Impact-Modified.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 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	29.66 MPa	4302 psi	ASTM D638
Elongation at Break	>= 10 %	>= 10 %	ASTM D638
Flexural Strength	47.59 MPa	6902 psi	ASTM D790
Flexural Modulus	1.862 GPa	270.1 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm @Thickness 3.17 mm	1.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	73.89 °C	165.0 °F	ASTM D648

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