

## Lucent Polymers PPC-310 Polypropylene, Impact Modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

**Material Notes:**

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-PPC-310-Polypropylene-Impact-Modified.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-PPC-310-Polypropylene-Impact-Modified.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.016 cm/cm @Thickness 3.17 mm	0.016 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.66 MPa	4302 psi	ASTM D638
Elongation at Break	>= 10 %	>= 10 %	ASTM D638
Flexural Strength	34.48 MPa	5001 psi	ASTM D790
Flexural Modulus	0.68966 GPa	100.03 ksi	ASTM D790
Izod Impact, Notched	1.50 J/cm @Thickness 3.17 mm	2.80 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	48.89 °C	120.0 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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