

## Lucent Polymers PC/PET- 1515 Polycarbonate+PET, General Purpose, Injection Grade

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/PET Polyester Blend , Polyester, TP , Polyethylene Terephthalate (PET)

**Material Notes:**

Add "R" for Added ReleaseAdd "U" for UV StabilizerInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucent-Polymers-PCPET-1515-PolycarbonatePET-General-Purpose-Injection-Grade.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-PCPET-1515-PolycarbonatePET-General-Purpose-Injection-Grade.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0080 cm/cm @Thickness 3.17 mm	0.0080 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	15 g/10 min @Load 5.00 kg, Temperature 260 Â°C	15 g/10 min @Load 11.0 lb, Temperature 500 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.17 MPa	8002 psi	ASTM D638
Elongation at Break	>= 118 %	>= 118 %	ASTM D638
Flexural Strength	84.83 MPa	12300 psi	ASTM D790
Flexural Modulus	2.2069 GPa	320.08 ksi	ASTM D790
Izod Impact, Notched	8.01 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	15.0 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	121.11 Â°C	250.00 Â°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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