

## Lucent Polymers PC/ABS- 1003 Polycarbonate+ABS, Extrusion / General Purpose, Injection Grade

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

### 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-PCABS-1003-PolycarbonateABS-Extrusion-General-Purpose-Injection-Grade.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-PCABS-1003-PolycarbonateABS-Extrusion-General-Purpose-Injection-Grade.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0070 cm/cm @Thickness 3.17 mm	0.0070 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	3.0 g/10 min @Load 3.80 kg, Temperature 230 Å°C	3.0 g/10 min @Load 8.38 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	53.79 MPa	7802 psi	ASTM D638
Elongation at Break	>= 120 %	>= 120 %	ASTM D638
Flexural Strength	82.76 MPa	12000 psi	ASTM D790
Flexural Modulus	2.276 GPa	330.1 ksi	ASTM D790
Izod Impact, Notched	3.20 J/cm @Thickness 3.17 mm, Temperature -30.0 Å°C	6.00 ft-lb/in @Thickness 0.125 in, Temperature -22.0 Å°F	ASTM D256
	5.34 J/cm @Thickness 3.17 mm, Temperature 22.8 Å°C	10.0 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Å°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	115.56 Å°C	240.01 Å°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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