

Lucent Polymers PC/ABS-0406 Polycarbonate+ABS, Injection Grade

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

Material Notes:

Recycled ContentAdd "R" for Added ReleaseAdd "U" for UVÂ StabilizedInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-PCABS-0406-PolycarbonateABS-Injection-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0060 cm/cm @Thickness 3.17 mm	0.0060 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	6.0 g/10 min @Load 5.00 kg, Temperature 260 Â°C	6.0 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	>= 140 %	>= 140 %	ASTM D638
Flexural Strength	84.14 MPa	12200 psi	ASTM D790
Flexural Modulus	2.310 GPa	335.1 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm @Thickness 3.17 mm	4.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	107.22 Â°C	225.00 Â°F	ASTM D648

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