

LTL Color Compounds ColorFast[®] PCT1000 PC/PET Alloy

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

Material Notes:

PC/PET alloy with outstanding chemical resistance and impact strength All information provided by LTL Color Compounds, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorFast-PCT1000-PCPET-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792
Melt Flow	18 g/10 min @Load 3.80 kg, Temperature 260 °C	18 g/10 min @Load 8.38 lb, Temperature 500 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.7 MPa	7500 psi	2.0 in/min; ASTM D638
Flexural Strength	75.8 MPa	11000 psi	2.0 in/min; ASTM D790
Flexural Modulus	1.93 GPa	280 ksi	2.0 in/min; ASTM D790
Izod Impact, Notched	6.94 J/cm @Temperature 22.8 °C	13.0 ft-lb/in @Temperature 73.0 °F	ASTM D256

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