

LTL Color Compounds ColorFast® PCT2014 PC/PBT Alloy

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/Polybutylene Terephthalate (PBT) Blend, Unreinforced , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

PC/PBT alloy with improved impact strength All information provided by LTL Color Compounders, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorFast-PCT2014-PCPBT-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Melt Flow	14 g/10 min @Load 3.80 kg, Temperature 260 °C	14 g/10 min @Load 8.38 lb, Temperature 500 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	40.0 MPa	5800 psi	2.0 in/min; ASTM D638
Tensile Strength, Yield	49.0 MPa	7100 psi	2.0 in/min; ASTM D638
Elongation at Break	160 %	160 %	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	8.01 J/cm @Temperature 22.8 °C	15.0 ft-lb/in @Temperature 73.0 °F	ASTM D256

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