

LTL Color Compounds ColorFast® PCT2010 PC/PCT Alloy, Chemical Resistant

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

Material Notes:

PC/PCT alloy with improved chemical resistance All information provided by LTL Color Compounders, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorFast-PCT2010-PCPCT-Alloy-Chemical-Resistant.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792
Melt Flow	18 g/10 min	18 g/10 min	ASTM D1238
	@Load 3.80 kg, Temperature 260 °C	@Load 8.38 lb, Temperature 500 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	41.4 MPa	6000 psi	2.0 in/min; ASTM D638
Tensile Strength, Yield	53.1 MPa	7700 psi	2.0 in/min; ASTM D638
Elongation at Break	180 %	180 %	2.0 in/min; ASTM D638
Flexural Strength	82.7 MPa	12000 psi	2.0 in/min; ASTM D790
Flexural Modulus	2.07 GPa	300 ksi	2.0 in/min; ASTM D790
Izod Impact, Notched	8.54 J/cm	16.0 ft-lb/in	ASTM D256
	@Temperature 22.8 °C	@Temperature 73.0 °F	

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