

LTL Color Compounds ColorFast® PCT2018 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 excellent low temperature impact strengthAll information provided by LTL Color Compounders, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LTL-Color-Compounds-ColorFast-PCT2018-PCPBT-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238
	@Load 3.80 kg, Temperature 260 Â°C	@Load 8.38 lb, Temperature 500 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	38.6 MPa	5600 psi	2.0 in/min; ASTM D638
Tensile Strength, Yield	45.5 MPa	6600 psi	2.0 in/min; ASTM D638
Elongation at Break	140 %	140 %	2.0 in/min; ASTM D638
Flexural Strength	75.8 MPa	11000 psi	2.0 in/min; ASTM D790
Flexural Modulus	1.86 GPa	270 ksi	2.0 in/min; ASTM D790
Izod Impact, Notched	8.01 J/cm	15.0 ft-lb/in	ASTM D256
	@Temperature 22.8 Â°C	@Temperature 73.0 Â°F	

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