

ColorFast® PCT2018

Polycarbonate + PBT

LTL Color Compounders, Inc.

Message:

PC/PBT alloy with excellent low temperature impact strength

General Information			
Features	Low Temperature Impact Resistance		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	45.5	MPa	
Break	38.6	MPa	
Tensile Elongation ² (Break)	140	%	ASTM D638
Flexural Modulus ³	1860	MPa	ASTM D790
Flexural Strength ⁴	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	800	J/m	ASTM D256
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	51 mm/min		
4.	51 mm/min		

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