

Ecolent™ PC/PBT

Polycarbonate + PBT

Lucent Polymers, Inc.

Message:

Polycarbonate+PBT, Injection Grade

Recycled Content

Add "R" for Added Release

Add "U" for UV Stabilized

General Information			
Recycled Content	Yes		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.1	MPa	ASTM D638
Tensile Elongation (Break)	> 80	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	320	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	82.2	°C	ASTM D648

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Recommended distributors for this material

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