

Pier One PC/PBT 1102

Polycarbonate + PBT

Pier One Polymers, Inc.

Message:

PC/PBT 1102 is available in natural and black, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

General Information			
Appearance	Black		
	Natural Color		
Forms	Pellets		
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/3.8 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	58.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	150	%	ASTM D638
Flexural Modulus (23°C)	2070	MPa	ASTM D790
Flexural Strength (23°C)	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.5	°C	ASTM D648
Injection	Nominal Value	Unit	
Suggested Max Moisture	< 0.020	%	
Processing (Melt) Temp	243 to 279	°C	
Mold Temperature	65.0 to 82.0	°C	

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Recommended distributors for this material

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