

Lucent PC PC/PBT-1830

Polycarbonate + PBT

Lucent Polymers, Inc.

Message:

Polycarbonate + PBT, Injection Grade, Superior Cold Temperature Impact

Colors Available

Add "R" for Added Release

Add "U" for UV Stabilized

General Information			
Features	Low Temperature Impact Resistance		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	1.8	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	52.4	MPa	ASTM D638
Tensile Elongation (Break)	> 120	%	ASTM D638
Flexural Modulus	1880	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 3.18 mm	530	J/m	
23°C, 3.18 mm	850	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	61.1	°C	ASTM D648

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WECHAT