

Lucent PC PC-1403

Polycarbonate

Lucent Polymers, Inc.

Message:

Extrusion/Blow Molding Grade Polycarbonate

Medium Flow - Clear and Colors Available

Add "R" for Added Release

Add "U" for UV Stabilizer

General Information	
Features	Medium Flow
Uses	Blow Molding Applications
Appearance	Clear/Transparent
	Colors Available
Processing Method	Blow Molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.1	MPa	ASTM D638
Tensile Elongation (Break)	> 130	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	132	°C	ASTM D648

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