

Lucent PC PC-1428FD

Polycarbonate

Lucent Polymers, Inc.

Message:

Injection Grade Polycarbonate
High Flow - Clear and Colors Available
Add "R" for Added Release
FDA Compliant

General Information			
Features	High Flow		
Agency Ratings	FDA Unspecified Rating		
Appearance	Clear/Transparent		
	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	28	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	2280	MPa	ASTM D790
Flexural Strength	98.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	640	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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