

Lucent PC PC-FR0

Polycarbonate

Lucent Polymers, Inc.

Message:

Polycarbonate, UL Recognized 94 V-0, 94 5VA

UV Stable/Weatherable, f1 Rated - Clear and Colors Available

Elevated RTI - 105°C

Melt Flow Adjustable for Application

UL File Number: E213588

General Information			
UL File Number	E213588		
Appearance	Clear/Transparent Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.60	%	
Outdoor Suitability	f1		UL 746C
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	90.3	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
RTI Elec	105	°C	UL 746
RTI Imp	105	°C	UL 746
RTI Str	105	°C	UL 746

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