

Lucent PC PC/PBT-FR5

Polycarbonate + PBT

Lucent Polymers, Inc.

Message:

Flame Retardant Polycarbonate+PBT

Natural and Colors Available

Add "R" for Added Release

Add "U" for UV Stabilizer

UL Listed f1, 5VA at 3.0 mm, V-0 at 1.5 mm

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Colors Available		
	Natural Color		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.70	%	
Outdoor Suitability	f1		UL 746C

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	53.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2120	MPa	ASTM D790
Flexural Strength	73.1	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	190	J/m	
23°C, 3.18 mm	530	J/m	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	98.9	°C	ASTM D648

Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.50 mm	V-0		
3.00 mm	5VA		

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Recommended distributors for this material

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