

Lucent PC PC/ABS-FR5

Polycarbonate + ABS

Lucent Polymers, Inc.

Message:

Injection Grade Polycarbonate + ABS
Color Available
Add "R" for Added Release
Add "U" for UV Stabilizer
UL Recognized; 5VA, V-0 at 2.5 mm; QMFZ2.E213588

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
UL File Number	E213588		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3050	MPa	ASTM D638
Tensile Strength (Yield)	61.4	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	2650	MPa	ASTM D790
Flexural Strength	96.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	82.8	°C	ASTM D648
Flammability	Nominal Value	Test Method	
	V-0		
Flame Rating (2.50 mm)	5VA	UL 94	

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Recommended distributors for this material

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