

Lucent PC PC/ABS-1003

Polycarbonate + ABS

Lucent Polymers, Inc.

Message:

Polycarbonate + ABS, Extrusion / General Purpose Injection Grade

Colors Available

Add "R" for Added Release

Add "U" for UV Stabilized

General Information	
Features	General Purpose
Uses	General Purpose
Appearance	Colors Available
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.70	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	53.8	MPa	ASTM D638
Tensile Elongation (Break)	> 120	%	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 3.18 mm	320	J/m	
23°C, 3.18 mm	530	J/m	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	116	°C	ASTM D648

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Recommended distributors for this material

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