

Technical Data Sheet

Lucent Pc GPCA-0110

Polycarbonate + ABS
 LyondellBasell Industries
 Engineering Plastics

Product Description

Polycarbonate + ABS, Extrusion / General Purpose Injection Grade

Colors Available
 Add "R" for Added Release
 Add "U" for UV Stabilized

General	
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Features	• General Purpose
Uses	• General Purpose
Appearance	• Colors Available
Processing Method	• Extrusion • Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.13	1.13 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 Kg)	2.6 g/10 min	2.6 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	11300 psi	77.8 MPa	ISO 527-2
Flexural Modulus	609000 psi	4200 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			
--	2.4 ft·lb/in	130 J/m	ASTM D256
--	5.6 ft·lb/in ²	12 kJ/m ²	ISO 180

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	241 °F	116 °C	

Notes

These are typical property values not to be construed as specification limits.