

Technical Data Sheet
Lucent PC PC/PBT-1231
Polycarbonate + PBT
Engineering Plastics



Product Description

Polycarbonate + PBT, General Purpose Injection Grade

Colors Available

Add "R" for Added Release

Add "U" for UV Stabilized

General

Features	• General Purpose
Uses	• General Purpose
Appearance	• Colors Available
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.22	1.22 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	31 g/10 min	31 g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in (3.18 mm))	7.0E-3 in/in	0.70 %	

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8800 psi	60.7 MPa	ASTM D638
Tensile Elongation (Break)	> 120 %	> 120 %	ASTM D638
Flexural Modulus	338000 psi	2330 MPa	ASTM D790
Flexural Strength	13000 psi	89.6 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
-22°F (-30°C), 0.125 in (3.18 mm)	2.0 ft·lb/in	110 J/m	
73°F (23°C), 0.125 in (3.18 mm)	12 ft·lb/in	640 J/m	

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi (1.8 MPa), Unannealed	222 °F	106 °C	

Notes

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