

Technical Data Sheet

Lucent Pc PC/PBT-1430U

Polycarbonate + PBT
LyondellBasell Industries
Engineering Plastics

Product Description

Polycarbonate + PBT, Injection Grade, Superior Weatherability

Colors Available

Add "R" for Added Release

General

Features	• Good Weather Resistance
Appearance	• Colors Available
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.21	1.21 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	30 g/10 min	30 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	9000 psi	62.1 MPa	ASTM D638
Tensile Elongation (Break)	> 110 %	> 110 %	ASTM D638
Flexural Modulus	358000 psi	2470 MPa	ASTM D790
Flexural Strength	13800 psi	95.1 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°F (23°C), 0.125 In (3.18 Mm)	14 ft·lb/in	750 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	190 °F	87.8 °C	

Notes

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