

Technical Data Sheet

Lucent Pc PC/PBT-1550

Polycarbonate + PBT
LyondellBasell Industries
Engineering Plastics

Product Description

Polycarbonate + PBT, Improved Impact Resistance, Injection Grade

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

General

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.24	1.24 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	50 g/10 min	50 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	6800 psi	46.9 MPa	ASTM D638
Tensile Elongation (Break)	> 130 %	> 130 %	ASTM D638
Flexural Modulus	290000 psi	2000 MPa	ASTM D790
Flexural Strength	11000 psi	75.8 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)	8.0 ft·lb/in	430 J/m	
73°F (23°C), 0.125 In (3.18 Mm)	15 ft·lb/in	800 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	188 °F	86.7 °C	

Notes

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