

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 264 Psi (1.8 Mpa), Unannealed	188 °F	86.7 °C	ASTM D648

Notes

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