

Technical Data Sheet

Lucent Pc PC/PBT-1422

Polycarbonate + PBT
LyondellBasell Industries
Engineering Plastics

Product Description

Polycarbonate + PBT, Injection Grade, Improved Cold Temperature Impact

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

General

Features	• Low Temperature Impact 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)	20 g/10 min	20 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	7700 psi	53.1 MPa	ASTM D638
Tensile Elongation (Break)	> 120 %	> 120 %	ASTM D638
Flexural Modulus	295000 psi	2030 MPa	ASTM D790
Flexural Strength	12300 psi	84.8 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)	3.0 ft·lb/in	160 J/m	
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	210 °F	98.9 °C	

Notes

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