

Technical Data Sheet

Lucent Pc PC/PBT-1212

Polycarbonate + PBT
 LyondellBasell Industries
 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	1.20	1.20 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	12 g/10 min	12 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 (0.125 In (3.18 Mm))	12 ft·lb/in	640 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	210 °F	98.9 °C	ASTM D648

Notes

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