

Lucent Pc PC-1406

Polycarbonate
LyondellBasell Industries
Engineering Plastics

Product Description

Extrusion/Blow Molding Grade Polycarbonate

Medium Flow - Clear and Colors Available

Add "R" for Added Release

Add "U" for UV Stabilizer

General

Features	• Medium Flow
Uses	• Blow Molding Applications
Appearance	• Clear/Transparent • Colors Available
Processing Method	• Blow Molding • Extrusion

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)	6.0 g/10 min	6.0 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)	> 130 %	> 130 %	ASTM D638
Flexural Modulus	330000 psi	2280 MPa	ASTM D790
Flexural Strength	14300 psi	98.6 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	270 °F	132 °C	

Notes

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

