

Technical Data Sheet

Lucent Pc PC-1410

Polycarbonate
LyondellBasell Industries
Engineering Plastics

Product Description

Injection/Extrusion Grade Polycarbonate

Medium Flow - Clear and Colors Available
Add "R" for Added Release
Add "U" for UV Stabilizer
Meets GMP.PC.018R

General

Features	• Medium Flow		
Appearance	• Clear/Transparent	• Colors Available	
Processing Method	• Extrusion	• Injection Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.21	1.21 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	10 g/10 min	10 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.