

Technical Data Sheet

Lucent Pc PC-1403FD

Polycarbonate
 LyondellBasell Industries
 Engineering Plastics

Product Description

Extrusion/Blow Molding Grade Polycarbonate

Medium Flow - Clear and Colors Available
 Add "R" for Added Release
 FDA Compliant

General

Features	• Medium Flow	
Uses	• Blow Molding Applications	
Agency Ratings	• FDA	
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)	3.0 g/10 min	3.0 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	340000 psi	2340 MPa	ASTM D790
Flexural Strength	14500 psi	100 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.