

Technical Data Sheet

Ronfalin C120

Polycarbonate + ABS
LyondellBasell Industries
Engineering Plastics

General			
Features	• General Purpose		
Uses	• Cell Phones	• General Purpose	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.12 g/cm ³	1.12 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	20 g/10 min	20 g/10 min	ISO 1133

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	341000 psi	2350 MPa	ISO 527-1
Tensile Stress (Yield)	7690 psi	53.0 MPa	ISO 527-2
Tensile Strain (Break)	> 50 %	> 50 %	ISO 527-2
Flexural Modulus	319000 psi	2200 MPa	ISO 178
Flexural Stress	10900 psi	75.0 MPa	ISO 178

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (Area) (73°F (23°C))	19.0 ft·lb/in ²	40.0 kJ/m ²	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			
66 Psi (0.45 Mpa), Unannealed	253 °F	123 °C	ISO 75-2/B
264 Psi (1.8 Mpa), Unannealed	212 °F	100 °C	ISO 75-2/A
Vicat Softening Temperature	248 °F	120 °C	ISO 306/B50

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating	HB	HB	UL 94

Notes

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