

Technical Data Sheet

Ronfalin C120 EF

Polycarbonate + ABS
LyondellBasell Industries
Engineering Plastics

Product Description

PC/ABS with a vicat softening temperature of 120°C exhibiting good melt flow and low temperature impact

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)	22 g/10 min	22 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)	7250 psi	50.0 MPa	ISO 527-2
Tensile Strain (Break)	> 50 %	> 50 %	ISO 527-2
Flexural Stress	13100 psi	90.0 MPa	ISO 178
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength	17 ft·lb/in ²	35 kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	No Break	No Break	ISO 179
Notched Izod Impact (Area) (73°F (23°C))	14.3 ft·lb/in ²	30.0 kJ/m ²	ASTM D256A
Notched Izod Impact Strength	9.5 ft·lb/in ²	20 kJ/m ²	ISO 180
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			
66 Psi (0.45 Mpa), Unannealed	252 °F	122 °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.