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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/cm³	1.12 g/cm³	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/in²	35 kJ/m²	ISO 179
Charpy Unnotched Impact Strength	No Break	No Break	ISO 179
Notched Izod Impact (Area) (73°f (23°c))	14.3 ft·lb/in²	30.0 kJ/m²	ASTM D256A
Notched Izod Impact Strength	9.5 ft·lb/in²	20 kJ/m²	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.