

Technical Data Sheet

Ronfalin C120 GF10 NATURAL



Polycarbonate + ABS

Product Description

Ronfalin C120 GF10 NATURAL is a Polycarbonate + ABS material.

Regulatory Status

For regulatory compliance information, see Ronfalin C120 GF10 NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
Application	Cell Phones; General Purpose

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	20	g/10 min	ISO 1133
Density	1.12	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	53	MPa	ISO 527-2
Tensile Strain at Break	>50	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Tensile Modulus	2350	MPa	ISO 527-1
Flexural Stress	75	MPa	ISO 178
Impact			
Notched Izod Impact (Area), (23 °C)	40.0	kJ/m ²	ASTM D256
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	120	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	123	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	100	°C	ISO 75-2/A
UL Information			
Flame Rating	HB		UL 94

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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