

Technical Data Sheet

Ronfalin C120 NAT



Polycarbonate + ABS

Product Description

Ronfalin C120 NATURAL is a Polycarbonate + ABS material.

Regulatory Status

For regulatory compliance information, see *Ronfalin* C120 NAT [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/>.

© LyondellBasell Industries Holdings, B.V. 2018

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.