

Technical Data Sheet

Ronfalin PC/ABS C110 NAT



Polycarbonate + ABS

Product Description

Ronfalin PC/ABS C110 NAT is a Polycarbonate + ABS material.

Regulatory Status

For regulatory compliance information, see Ronfalin PC/ABS C110 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 Audio Tapes; General Purpose

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	15	g/10 min	ISO 1133
Density	1.12	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	50	MPa	ISO 527-2
Tensile Strain at Break	>50	%	ISO 527-2
Flexural Modulus	2150	MPa	ISO 178
Tensile Modulus	2200	MPa	ISO 527-1
Flexural Stress	72	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)	110	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	113	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	95	°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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