

## Technical Data Sheet

### Ronfalin C110F/R WHI 1-1870



Polycarbonate + ABS

#### Product Description

Ronfalin C110F/R WHITE 1-1870 is a Polycarbonate + ABS material.

#### Regulatory Status

For regulatory compliance information, see Ronfalin C110F/R WHI 1-1870 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
<b>Additive</b>	Flame Retardant
<b>Application</b>	Appliance Components; Housings

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (260 °C/5.0 kg)	35	g/10 min	ISO 1133
Density	1.2	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield	60	MPa	ISO 527-2
Tensile Strain at Break	40	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178
Tensile Modulus	2700	MPa	ISO 527-1
Flexural Stress	90	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact (Area), (23 °C)	40.0	kJ/m <sup>2</sup>	ASTM D256
<b>Thermal</b>			
Vicat Softening Temperature, (B (50N), 50 °C/h)	110	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	111	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	90	°C	ISO 75-2/A
<b>Flammable</b>			
Glow Wire Ignition Temperature, (1.0 mm)	960	°C	IEC 60695-2-13
<b>UL Information</b>			
Flame Rating			
(1.6 mm)	V-0		UL 94
(3.2 mm)	V-0		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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