

Technical Data Sheet

Ronfalin C110F/R WHI 1-1870

Polycarbonate + ABS

Product Description

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

Additive Flame Retardant

Application Appliance Components; Housings

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	35	g/10 min	ISO 1133
Density	1.2	g/cm ³	ISO 1183
Mechanical			
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
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)	111	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	90	°C	ISO 75-2/A
Flammable			
Glow Wire Ignition Temperature, (1.0 mm)	960	°C	IEC 60695-2-13
UL Information			
Flame Rating			
(1.6 mm)	V-0		UL 94
(3.2 mm)	V-0		UL 94