

Technical Data Sheet

Ronfalin C120 NAT

Polycarbonate + ABS

Product Description

Ronfalin C120 NATURAL is a Polycarbonate + ABS material.

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