

Technical Data Sheet

Ronfalin C120 EF PROCESS CYAN3-1500



Polycarbonate + ABS

Product Description

PC/ABS with a vicat softening temperature of 120°C exhibiting good melt flow and low temperature impact

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	22	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
Tensile Modulus	2350	MPa	ISO 527-1
Flexural Stress	90	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched	35	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched	No Break		ISO 179
Notched Izod Impact Strength	20	kJ/m ²	ISO 180
Notched Izod Impact (Area), (23 °C, Method A)	30.0	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)	122	°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