

Technical Data Sheet

Ronfalin C230FR GF20 PEARL 4-0675



Polycarbonate + ABS

Product Description

Ronfalin C230FR GF20 PEARL 4-0675 is a Polycarbonate + ABS Glass Fiber, 20% filled material.

Additive	Flame Retardant
Application	Electrical Parts
Filler/Reinforcement	Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	17	g/10 min	ISO 1133
Density	1.25	g/cm ³	ISO 1183
Mechanical			
Tensile Strain at Break	2.5	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 5 mm/min)	75.0	MPa	ISO 527-2
Tensile Modulus	5700	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched	8	kJ/m ²	ISO 179
Hardness			
Ball Pressure Test, (125 °C)	Pass		IEC 60695-10-2
Thermal			
Vicat Softening Temperature, (A (10N), 50 °C/h)	135	°C	ISO 306
Deflection Temperature Under Load Unannealed (0.45 MPa)	132	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	120	°C	ISO 75-2/A
UL Information			
Flame Rating			
(3.2 mm)	V-0		UL 94
(1.5 mm)	V-0		UL 94