

RONFALIN® C C110FR GF20

Polycarbonate + ABS

A. Schulman Europe

Message:

RONFALIN® C C110FR GF20 is a Polycarbonate + ABS (PC+ABS) material filled with 20% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of RONFALIN® C C110FR GF20 are:

Flame Rated

Flame Retardant

Typical application of RONFALIN® C C110FR GF20: Electrical/Electronic Applications

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Electrical Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	30	g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5100	MPa	ISO 527-2
Tensile Stress (Yield)	80.0	MPa	ISO 527-2
Flexural Modulus	44800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	8.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	117	°C	ISO 75-2/B
1.8 MPa, Unannealed	100	°C	ISO 75-2/A
Vicat Softening Temperature	120	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.20 mm)	V-0		UL 94
Glow Wire Ignition Temperature (1.00 mm)	960	°C	IEC 60695-2-13

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Recommended distributors for this material

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