

RONFALIN® C C110FR

Polycarbonate + ABS

A. Schulman Europe

Message:

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

Important attributes of RONFALIN® C C110FR are:

Flame Rated

Flame Retardant

Typical applications include:

Appliances

Housings

General Information	
Additive	Flame Retardant
Features	Flame Retardant
Uses	Appliance Components Housings

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	35	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ISO 527-2
Tensile Stress (Yield)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	40	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178
Flexural Stress	90.0	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	40.0	kJ/m ²	ASTM D256

Thermal	Nominal Value	Unit	Test Method
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Heat Deflection Temperature			
0.45 MPa, Unannealed	111	°C	ISO 75-2/B
1.8 MPa, Unannealed	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306/B50

Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
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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