

RONFALIN® C C120

Polycarbonate + ABS

A. Schulman Europe

Message:

RONFALIN® C C120 is a Polycarbonate + ABS (PC+ABS) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of RONFALIN® C C120: Flame Rated.

Typical application of RONFALIN® C C120: Electrical/Electronic Applications

General Information			
UL YellowCard	E132739-222159		
Features	General Purpose		
Uses	Cell Phones		
	General Purpose		

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	20	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2350	MPa	ISO 527-2
Tensile Stress (Yield)	53.0	MPa	ISO 527-2
Tensile Strain (Break)	> 50	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Stress	75.0	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
Heat Deflection Temperature			
0.45 MPa, Unannealed	123	°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	Test Method
Flame Rating	HB	UL 94

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Recommended distributors for this material

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