

RONFALIN® RHG12

Acrylonitrile Butadiene Styrene + Acrylic (PMMA)

A. Schulman Europe

Message:

RONFALIN® RHG12 is an Acrylonitrile Butadiene Styrene + Acrylic (PMMA) (ABS+Acrylic) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Important attributes of RONFALIN® RHG12 are:

Flame Rated

RoHS Compliant

High Gloss

Typical application of RONFALIN® RHG12: Housings

General Information			
Features	High Gloss		
Uses	Television Housings		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	50.0	MPa	ISO 527-2/50
Flexural Modulus	2700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	8.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	95.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	95.0	°C	ISO 75-2/A
Vicat Softening Temperature	97.0	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	HB	UL 94	

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Recommended distributors for this material

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