

Romiloy® 9130

Polycarbonate + ABS

ROMIRA GmbH

Message:

Romiloy®9130 is a polycarbonate acrylonitrile butadiene styrene (PC ABS) material. This product is available in Europe.

Romiloy®The main features of the 9130 are:

flame retardant/rated flame

Flame Retardant

Halogen-free

Heat resistance

General Information			
UL YellowCard	E148878-100611442		
Additive	Flame retardancy		
Features	Chlorine Free		
	Heat resistance, high		
	No antimony		
	Bromine-free		
	Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/5.0 kg)	20	g/10 min	ISO 1133
Molding Shrinkage (23°C)	0.30 - 0.60	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2700	MPa	ISO 527-2/1
Tensile Stress (23°C)	55.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	70	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	2700	MPa	ISO 178
Flexural Stress ² (23°C)	87.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	106	°C	ISO 75-2/A
Vicat Softening Temperature	135	°C	ISO 306/B50
Ball Indentation Test (125°C, 3.00 mm)		mm	IEC 60695-10-2
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm	V-0		UL 94

3.0 mm	5VA		UL 94
Glow Wire Flammability Index (2.0 mm)	960	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (2.0 mm)	775	°C	IEC 60695-2-13

NOTE

1. 2.0 mm/min
2. 2.0 mm/min

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