

Romiloy® 9170E

Polycarbonate + ABS

ROMIRA GmbH

Message:

Romiloy®9170E is a polycarbonate acrylonitrile butadiene styrene (PC ABS) material. This product is available in Europe.

Romiloy®The main features of 9170E are:

flame retardant/rated flame

Flame Retardant

Halogen-free

General Information			
UL YellowCard	E148878-537123		
Additive	Flame retardancy		
Features	Chlorine Free		
	No antimony		
	Bromine-free		
	Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/5.0 kg)	12	g/10 min	ISO 1133
Molding Shrinkage (23°C)	0.40 - 0.70	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2570	MPa	ISO 527-2/1
Tensile Stress (23°C)	58.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	30	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	2550	MPa	ISO 178
Flexural Stress ² (23°C)	92.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	29	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)	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	104	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
	V-0		
Flame Rating (1.5 mm)	5VB		UL 94

Glow Wire Flammability Index (3.0 mm)	960	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (2.0 mm)	700	°C	IEC 60695-2-13

NOTE

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

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Recommended distributors for this material

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