

Romiloy® 1035/07 GF10

Polycarbonate + ABS

ROMIRA GmbH

Message:

Romiloy® 1035/07 GF10 is a polycarbonate + acrylonitrile butadiene styrene (PC + ABS) material, and its filler is 10% glass fiber reinforced material. This product is available in Europe. Romiloy® The main characteristics of 1035/07 GF10 are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Features	Good liquidity		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.22	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	25	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Lateral flow: 23°C, 3.00mm	0.60	%	ISO 294-4
Traffic: 23°C, 3.00mm	0.20	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4250	MPa	ISO 527-2/1
Tensile Stress (23°C)	78.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	7.0	%	ISO 527-2/5
Flexural Modulus ¹ (23°C)	4150	MPa	ISO 178
Flexural Stress ² (23°C)	111	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	26	kJ/m ²	ISO 179/1eU
23°C	37	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	108	°C	ISO 75-2/A
Vicat Softening Temperature	125	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	HB		UL 94
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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