

Romiloy® 4010 GF30

Acrylonitrile Butadiene Styrene + PA

ROMIRA GmbH

Message:

Romiloy®4010 GF30 is an acrylonitrile butadiene styrene + nylon (ABS + nylon) material, which contains a 30% glass fiber reinforced material. This product is available in Europe. Romiloy®The main characteristics of 4010 GF30 are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.29	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	30	g/10 min	ISO 1133
Molding Shrinkage (23°C)	0.20 - 0.40	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	8100	MPa	ISO 527-2/1
Tensile Stress (23°C)	130	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	9.0	%	ISO 527-2/5
Flexural Modulus ¹ (23°C)	6600	MPa	ISO 178
Flexural Stress ² (23°C)	180	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	55	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	185	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (1.6 mm)	HB		UL 94
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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Recommended distributors for this material

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