

Romiloy® 4010/02 UV GF8

Acrylonitrile Butadiene Styrene + PA

ROMIRA GmbH

Message:

Romiloy®4010/02 UV GF8 is an acrylonitrile butadiene styrene + nylon (ABS + nylon) material, which contains a 8.0% glass fiber reinforced material. This product is available in Europe, and the processing method is injection molding.

Romiloy®The main features of 4010/02 UV GF8 are:

flame retardant/rated flame

UV stability

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 8.0% filler by weight		
Additive	UV stabilizer		
Features	UV Stabilized		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	16	g/10 min	ISO 1133
Molding Shrinkage (23°C)	0.30 - 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2500	MPa	ISO 527-2/1
Tensile Stress (23°C)	43.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	> 30	%	ISO 527-2/5
Flexural Modulus ¹ (23°C)	2550	MPa	ISO 178
Flexural Stress ² (23°C)	66.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.0	kJ/m ²	ISO 179/1eA
23°C	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	40	kJ/m ²	ISO 179/1eU
23°C	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	126	°C	ISO 306/B50
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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