

Romiloy® 4010/07-1 UV

Acrylonitrile Butadiene Styrene + PA

ROMIRA GmbH

Message:

Romiloy® 4010/07-1 UV is an acrylonitrile butadiene styrene nylon (ABS nylon) material. This product is available in Europe, and the processing method is injection molding.

Romiloy® The main characteristics of 4010/07-1 UV are:

flame retardant/rated flame

anti-warping

Impact resistance

UV stability

General Information			
Additive	UV stabilizer		
Features	UV Stabilized		
	Low warpage		
	Impact resistance, high		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	32	g/10 min	ISO 1133
Molding Shrinkage (23°C)	0.60 - 0.90	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2000	MPa	ISO 527-2/1
Tensile Stress (23°C)	43.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 100	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1700	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	19	kJ/m ²	ISO 179/1eA
23°C	72	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	No Break		ISO 179/1eU
23°C	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	96.0	°C	ISO 75-2/B
Vicat Softening Temperature	120	°C	ISO 306/B50
CLTE - Flow (20 to 80°C)	1.4E-4	cm/cm/°C	ISO 11359-2
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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