

Romiloy® 3020/01-4 M10

Acrylonitrile Styrene Acrylate + PA

ROMIRA GmbH

Message:

Romiloy® 3020/01-4 M10 is an acrylonitrile-styrene-acrylate + nylon (ASA + nylon) material, and the filler is 10% mineral filler. This product is available in Europe.

Romiloy® The main features of 3020/01-4 M10 are:

flame retardant/rated flame

Impact resistance

scratch resistance

UV stability

General Information				
Filler / Reinforcement	Mineral filler, 10% filler by weight			
Additive	UV stabilizer			
Features	UV Stabilized			
	Impact resistance, good			
	Scratch resistance			
Physical	Dry	Conditioned	Unit	Test Method
Density (23°C)	1.16	--	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)	0.50 - 0.80	--	%	ISO 294-4
Water Absorption (23°C, 24 hr)	1.0	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus (23°C)	2950	1700	MPa	ISO 527-2/1
Tensile Stress (23°C)	52.0	37.0	MPa	ISO 527-2/50
Tensile Strain (Break, 50°C)	> 30	--	%	ISO 527-2
Flexural Modulus ¹ (23°C)	2400	1500	MPa	ISO 178
Flexural Stress ² (23°C)	76.0	57.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	5.0	--	kJ/m ²	ISO 179/1eA
23°C	7.5	8.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	No Break	--		ISO 179/1eU
23°C	No Break	No Break		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	105	--	°C	ISO 75-2/B
Vicat Softening Temperature	123	--	°C	ISO 306/B50
CLTE - Flow (23 to 55°C)	1.1E-4	--	cm/cm/°C	ISO 11359-2
Flammability	Dry	Conditioned		Test Method
Flame Rating	HB	--		UL 94
NOTE				
1.	2.0 mm/min			
2.	2.0 mm/min			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

