

Romiloy® 6020 UV

Acrylonitrile Styrene Acrylate + PC

ROMIRA GmbH

Message:

Romiloy® 6020 UV is an acrylonitrile-styrene-acrylate PC (ASA PC) material. This product is available in Europe.

Romiloy® The main characteristics of 6020 UV are:

flame retardant/rated flame

Impact resistance

Heat resistance

UV stability

General Information			
Additive	UV stabilizer		
Features	UV Stabilized		
	Impact resistance, high		
	Heat resistance, high		

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.16	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	35	g/10 min	ISO 1133
Molding Shrinkage (23°C)	0.40 - 0.70	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2500	MPa	ISO 527-2/1
Tensile Stress (23°C)	63.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	80	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	2400	MPa	ISO 178
Flexural Stress ² (23°C)	95.0	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	110	°C	ISO 75-2/A
Vicat Softening Temperature	133	°C	ISO 306/B50
CLTE - Flow (23 to 55°C)	8.5E-5	cm/cm/°C	ISO 11359-2
Ball Indentation Test (130°C, 3.00 mm)		mm	IEC 60695-10-2

Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.5 mm)	HB		UL 94
Glow Wire Flammability Index			IEC 60695-2-12
2.0 mm	750	°C	IEC 60695-2-12
3.0 mm	650	°C	IEC 60695-2-12

NOTE

- | | |
|----|------------|
| 1. | 2.0 mm/min |
| 2. | 2.0 mm/min |

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