

Romiloy® 5720/01

Polycarbonate + PBT

ROMIRA GmbH

Message:

Romiloy®5720/01 is a polycarbonate polybutene terephthalate (PC PBT) material. This product is available in Europe, and the processing method is injection molding.

Romiloy®The main features of 5720/01 are:

flame retardant/rated flame

Impact resistance

UV stability

General Information			
Additive	UV stabilizer		
Features	UV Stabilized		
	Impact resistance, high		
	Good liquidity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (250°C/5.0 kg)	30	g/10 min	ISO 1133
Molding Shrinkage (23°C)	0.50 - 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)	2400	MPa	ISO 527-2/1
Tensile Stress (23°C)	64.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 50	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	2320	MPa	ISO 178
Flexural Stress ² (23°C)	88.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	10	kJ/m ²	ISO 179/1eA
23°C	50	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 (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	120	°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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