SIRMAX

ISO Datasheet

ISOGLASS		
	Code	141246
	Grade	XT 6010U
	Polymer	Polypropylene
	Application	Automotive / Structural components

30% chemically coupled high performance reinforced polypropylene homopolymer. High stiffness and low emission.UV stabilized.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C – 2,16 Kg)	ISO 1133	g/10'	**6**
Density at 23°C	ISO 1183	g/cm3	**1,13**
Mould Shrinkage (%)	INTERNAL	%	**0,3 - 0,5**
Filler Content (0,5h/750°C)	ISO 3451-1	%	**30**
Thermal			
Vicat B50	ISO 306	°C	**149**
HDT, A (1.80 MPa)	ISO 75/Ae	°C	**152**
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	**8400**
Tensile stress at yield (23°C-5 mm/min)	ISO 527-2	MPa	**111**
Tensile elong. at break (23°C-5 mm/min)	ISO 527-2	%	**2,7**
Charpy notched impact strength (23°C)	ISO 179/1eA	KJ/m²	**10**
Charpy unnotched impact strength (23°C)	ISO 179/1eU	KJ/m²	**62**
Flammability Class			
Flammability class (3,0 mm)	UL94		**HB**

Regulations compliance

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RoHS compliance status:	COMPLIANT
EN71:	
UL listed file nº:	
Water contact approvals.	
Food contact status:	

Technical documents

Material safety datasheet:	http://www.sirmax.it/sites/default/files/ISOGLASS%C2%AE%20MSDS.pdf

Revision number/date: 0 MAY 18

§ Moulding shrinkage is not an intrinsic property of plastics. It also depends on moulding parameters. The values reported have been calculated in the direction parallel to the flow in a 3.0 x 12.7 x 127 mm sample.

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