

ISOGLASS H 20 FVL X NA

Description: 20% glass fiber reinforced polypropylene. Heat stabilized, UL 2157 approved.

Cod. **045699** UV stabilized: No Heat stabilized: Yes Antistatic: No

Application : Washing machine tubs

PROPERTIES	TEST	UNIT	REF. VALUE
Physical			
Melt Flow Rate	ISO 1133	g/10'	6
Density at 23°C	ISO 1183	g/cm ³	1.04
Moulding shrinkage	Internal**	%	
Filler and % content	glass fiber	%	20
Thermal			
VICAT B/50 N	ISO 306	°C	130
HDT under 1820 KPa load	ISO 75-2	°C	115
Mechanical at 23°C			
Flexural Modulus	ISO 178	MPa	4500
Tensile strenght at yield	ISO 527-2	MPa	75
Tensile strenght at break	ISO 527-2	MPa	
Elongation at break	ISO 527-2	%	3
Notched IZOD impact strength	ISO 180 A	KJ/m ²	10.0
Unnotched IZOD impact strength	ISO 180 U	KJ/m ²	
Charpy notched impact strength	ISO 179	KJ/m ²	10.0
Flammability			
Flammability class	UL 94	0.8mm.	HB
Glow Wire Flammability Index: 3 mm	CEI EN 60695-2-12	°C	
Glow Wire Ignition Temperature: 3 mm 3	CEI EN 60695-2-13	°C	
Approvals and legal status			
UL Listed file n°: QMFZ2.E220931	RoHS compliance status*: Compliant		
Food contact status 2002/72/CE *:	Water Contact Approvals *:		

** Note: Moulding shrinkage is not an intrinsic property of plastics. It depends also on moulding parameters. The values reported have been calculated from a sample with dimensions 3.0 x 12.7 x 127 mm, where shrinkage was measured in the direction of the length, parallel to the mould flow.

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* For all statements and declarations regarding approvals and legal status, always ask original documents to Sirmax Quality department. All necessary explanations, details, exceptions and copies of certificates will be provided.

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