

## ISONYL A 66 STZ NA

### Description: Unfilled PA66

Cod. UV stabilized: Heat stabilized: Antistatic:

### Application : General purpose

PROPERTIES	TEST	UNIT	REF. VALUE
<b>Physical</b>			
Melt Flow Rate	ISO 1133	g/10'	
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	<b>1.10</b>
Moulding shrinkage	Internal**	%	<b>1.1</b>
Filler and % content		%	
<b>Thermal</b>			
VICAT B/50 N	ISO 306	°C	<b>210</b>
HDT under 1820 KPa load	ISO 75-2	°C	<b>22</b>
<b>Mechanical at 23°C</b>			
Flexural Modulus	ISO 178	MPa	<b>1950</b>
Tensile strenght at yield	ISO 527-2	MPa	
Tensile strenght at break	ISO 527-2	MPa	<b>60</b>
Elongation at break	ISO 527-2	%	<b>50</b>
Notched IZOD impact strength	ISO 180 A	KJ/m <sup>2</sup>	<b>45.0</b>
Unnotched IZOD impact strength	ISO 180 U	KJ/m <sup>2</sup>	
Charpy notched impact strength	ISO 179	KJ/m <sup>2</sup>	
<b>Flammability</b>			
Flammability class	UL 94	3,2mm.	
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	
<b>Approvals and legal status</b>			
UL Listed file n°:		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.

The information contained herein is to our knowledge accurate and reliable as of the date of publication. Sirmax extends no warranties and makes no representations as to the accuracy or completeness of the information contained herein, and assumes no responsibility regarding the consequences of its use. In view of the variability of the processing and application conditions obtained at each individual processors, it is the customer's responsibility to verify, inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's purpose. The customer is also responsible for the appropriate, safe and legal use, processing and handling of our products. Nothing herein shall constitute any warranty, express or implied, of merchantability or fitness for a particular purpose. All reported data should not be used directly in mould design without prior validation.

\* 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.

Revised: 0 apr 06