

TECHNYL® A 218W V33 NATURAL T

Polyamide 66
Solvay Engineering Plastics

Message:

TECHNYL® A 218W V33 Natural T is a polyamide 66, reinforced with 33% of glass fibre, heat stabilized, for injection moulding. This product is available in natural color.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Surface Finish		
	Heat Stabilized		
Uses	Bottles		
Agency Ratings	UU 453/2010/EC		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
	Translucent		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA66-GF33<		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10200	MPa	ISO 527-2/1A
Tensile Stress (Break)	190	MPa	ISO 527-2/1A
Tensile Strain (Break)	3.8	%	ISO 527-2/1A
Flexural Modulus	8950	MPa	ISO 178
Flexural Stress	294	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	9.0	kJ/m ²	
23°C	11	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	91	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength (23°C)	11	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	263	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	247	°C	ISO 75-2/Af
Melting Temperature	263	°C	ISO 11357-3

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Suggested Max Moisture	0.20	%
Rear Temperature	255 to 265	°C
Middle Temperature	265 to 275	°C
Front Temperature	275 to 280	°C
Mold Temperature	70.0 to 100	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

