

TECHNYL® A 548B2 V15 BLACK 23 N

Polyamide 66
Solvay Engineering Plastics

Message:

TECHNYL® A 548B2 V15 Black 23 N is a polyamide 6.6, reinforced with 15% of glass fibre, heat stabilized, impact modified, for blow moulding. This product is available in black color.

General Information				
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight			
Additive	Impact modifier heat stabilizer			
Features	Impact modification Good heat aging resistance Good melt strength Heat resistance, high Thermal Stability Viscosity, High			
Uses	Blow molding applications			
Agency Ratings	UU 453/2010/EC			
RoHS Compliance	RoHS compliance			
Appearance	Black			
Processing Method	Blow molding			
Part Marking Code (ISO 11469)	>PA66-GF15			
Physical	Dry	Conditioned	Unit	Test Method
Density	1.20	--	g/cm ³	ISO 1183/A
Molding Shrinkage				Internal method
Vertical flow direction	1.0	--	%	Internal method
Flow direction	1.0	--	%	Internal method
Molding Shrinkage Isotropy	1.00	--		Internal method
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	4900	3500	MPa	ISO 527-2/1A
Tensile Stress (Break)	90.0	57.0	MPa	ISO 527-2/1A
Tensile Strain (Break)	4.7	8.8	%	ISO 527-2/1A
Flexural Modulus	4200	--	MPa	ISO 178
Flexural Stress	129	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14	--	kJ/m ²	ISO 179/1eA

Charpy Unnotched Impact Strength (23°C)	65	79	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	210	--	°C	ISO 75-2/Af
Melting Temperature	260	--	°C	ISO 11357-3
Extrusion	Dry	Unit		
Drying Temperature	80.0		°C	
Drying Time	8.0		hr	
Suggested Max Moisture	0.080		%	
Cylinder Zone 1 Temp.	265 - 285		°C	
Cylinder Zone 3 Temp.	275 - 295		°C	
Adapter Temperature	275 - 295		°C	
Die Temperature	280 - 300		°C	
Extrusion instructions				

Head Temperature: 280 to 300°C Blow Molding Mold Temperature: 70 to 90°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

