TER GROUP TER Plastics POLYMER GROUP

TECHNICAL DATA SHEET

Technyl® A 32G1

PA66 Solvay Engineering Plastics

Product Texts

Polyamide 66, UL94 V-2, GWIT 775/0.8t, High tough, Heat stabilized for injection molding.

TECHNYL®A 32G1 is fit for electric/electronics sectors of industry, offering good GWIT character, UL-94 flammability and high tough properties.

This grade is widely used for

- Connector

This product is available in natural, black, gray and in colors on request.

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature (10°C/min)	262 / *	°C	ISO 11357-1/-3
Burning behav. at thickness h	V-2 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	IEC 60695-11-10
UL recognition	UL / *	-	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Comparative tracking index	350 / -	-	IEC 60112

Other properties	dry / cond	Unit	Test Standard
ISO Data			
Water absorption	0.75 / *	%	Sim. to ISO 62
Density	1350 / -	kg/m³	ISO 1183

Test specimen production	Value	Unit	Test Standard
ISO Data			
Injection Molding, mold temperature	80	°C	ISO 10724

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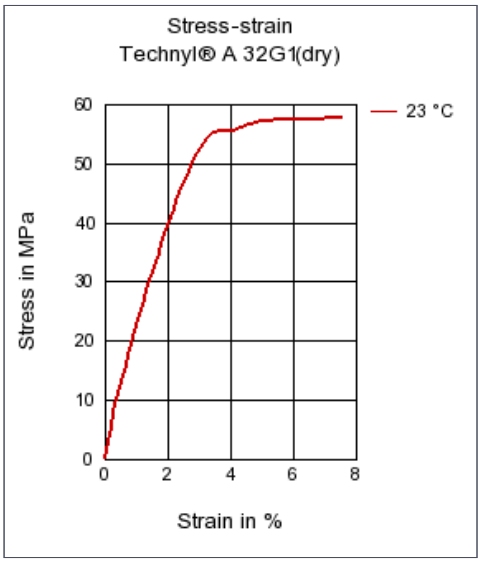
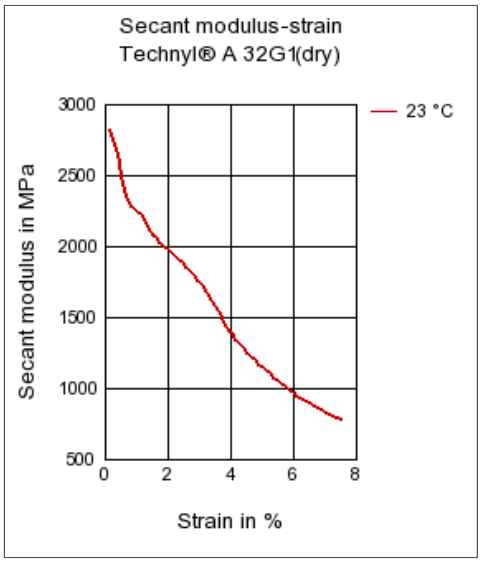
Diagrams

Stress-strain



Secant modulus-strain



Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Other text information

Injection Molding

The material is supplied in airtight bags, ready for use. In the case that the virgin material has absorbed moisture, it must be dried to a final moisture content less than 0.2% with a dehumidified air drying equipment at approx.80°C

Recommended moulding conditions:

Barrel temperatures:
-feed zone 270-285°C
-compression zone 275-290°C
-front zone280-295°C

Mould temperatures60-80°C