

TECHNYL® A 268 BLACK 21 N

Product Datasheet - May 2006

Description

Unreinforced polyamide PA66, high fluidity, heat stabilized, with high impact resistance, for injection moulding.

Product Applications

TECHNYL® A 268 shows an excellent compromise between rigidity and impact resistance at room temperature. It allows to avoid the conditioning of the part before use. It is advised for moulding fasteners, clips or cable ties, especially for the car industry.

This product is available black.

Processing

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 of less than 0.2% with a dehumidified air drying equipment at approx 80°C.

Recommended moulding conditions:

-Barrel temperatures:

-feed zone 260-270°C

-compression zone 270-280°C

-front zone 280-290°C

-Mould temperatures: 60 at 80°C

For more detailed information, please refer to the technical sheet Injection moulding.

Safety

Please refer to the Safety Data Sheet O9VHPUTR8FS



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The values of properties are for black grade

Properties	Standards	Unit	Values	
			d.a.m*.	Cond.**
Physical				
Water absorption (24 h at 23°C)	ISO 62	%	0.80	-
Density	ISO 1183-A	g/cm3	1.10	-
Mechanical				
Tensile modulus	ISO 527 type 1 A	MPa	2200	800
Tensile strain at break	ISO 527 type 1 A	%	45	180
Tensile strength at break	ISO 527 type 1 A	MPa	50	35
Flexural modulus	ISO 178	MPa	2160	790
Charpy notched impact strength	ISO 179/1eA	kJ/m2	15	26
Thermal				
Melting Temperature	ISO 11357	°C	263	-

Identification Code : >PA66<

The information contained in this document is supplied in good faith. It is based on the extent of our knowledge of the products as listed, and on the tests and experiments carried out in our laboratories. It is to be used only as an indication and shall not be construed in any way as a format commitment or warranty of our part. Compliance of our products with your conditions or use can only be determined pursuant to your own prior appropriate list. The listed values of properties are for natural grade, if not otherwise specified.

* d.a.m = Dry As Moulded.

** Cond. = Conditioned according ISO 1110.



Engineering Plastics