

Description

Polyamide PA66 reinforced with 30% of glass fibre, heat stabilised, containing recycled material.

Product Applications

TECHNYL® AR 130/2 fits the automotive quality standards requests.
With lower mechanical properties in comparison with first grade material like TECHNYL® A 218 V30, TECHNYL® AR 130/2 is suitable for none critical and less demanding parts.

This product is available in natural and 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: 80 at 100 °C

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

Safety

Please refer to the Safety Data Sheet

TECHNYL® AR 130/2

The values of properties are for natural grade.

Properties	Standards	Unit	Values	
			d.a.m*.	Cond.**
Physical				
Density	ISO 1183-A	g/cm3	1.37	-
Mechanical				
Tensile modulus	ISO 527 type 1 A	MPa	8350	-
Tensile strain at break	ISO 527 type 1 A	%	3.5	-
Tensile strength at break	ISO 527 type 1 A	MPa	140	-
Flexural modulus	ISO 178	MPa	7800	-
Charpy notched impact strength	ISO 179/1eA	kJ/m2	8	-
Charpy unnotched impact strength	ISO 179/1eU	kJ/m2	42	-
Izod notched impact strength	ISO 180/1A	kJ/m2	8	-
Thermal				
Melting Temperature	ISO 11357	°C	260	-
Heat deflection temperature, 1,8 Mpa	ISO 75/Af	°C	255	-

Identification Code : >PA66-GF30<

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.

