

### Description

Polyamide 6 modified, reinforced with 34% of glass fibre, with very high impact resistance even at low temperature, for injection moulding. Grade formerly known as PSB205M.

### Product Applications

It is particularly adapted for the moulding of sports and leisure goods, such as parts for in-line skates or ski bindings.

This product is available in black colour.

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

Recommended moulding conditions:

- Barrel temperatures:

feed zone	250 - 260°C
compression zone	260 - 270°C
front zone	265 - 275°C

- Mould temperatures: 80 - 120 °C

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

### Safety

Please refer to the Safety Data Sheet



# TECHNYL® C 256 V34

The values of properties are for black grade.

Properties	Standards	Unit	Values	
			d.a.m*.	Cond.**
<b>Physical</b>				
Density	ISO 1183-A	g/cm3	1.32	-
Molding shrinkage Parallel (1) (RHODIA-EP)	RHODIA-EP	%	0.88	-
Molding shrinkage normal or perpendicular (1) (Rhodia EP)	RHODIA-EP	%	0.47	-
<b>Mechanical</b>				
Tensile modulus	ISO 527 type 1 A	MPa	9000	6000
Tensile strain at break	ISO 527 type 1 A	%	4.5	-
Tensile strength at break	ISO 527 type 1 A	MPa	150	90
Flexural modulus	ISO 178	MPa	8500	-
Charpy notched impact strength	ISO 179/1eA	kJ/m2	22	-
Charpy unnotched impact strength	ISO 179/1eU	kJ/m2	90	-
Izod notched impact strength	ISO 180/1A	kJ/m2	24	31
<b>Flamability</b>				
Flammability UL 94 (Thickness 1,6 mm)	ISO 1210/UL 94		HB	-
<b>Thermal</b>				
Melting Temperature	ISO 11357	°C	222	-
Heat deflection temperature, 1,8 Mpa	ISO 75/Af	°C	202	-

## Identification Code : >PA6-GF<

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

