

## TECHNYL® C 216 L2 V30 GREY 2493 CF

Product Datasheet - June 2007

### Description

Polyamide PA6 reinforced with 30% of glass fibres, UV stabilised, for injection moulding.

### Product Applications

Characterised by good general mechanical properties and high resistance to UV, Technyl C 216 L2 V30 GREY 2493 CF is suitable for moulding parts with good surface aspect. It is particularly suitable in automotive industry for doors handles.

This product is available in grey 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 of less than 0,2% with a dehumidified air drying equipment at approx 80°C.

Recommended moulding conditions :

Barrel temperatures :	- feed zone	225 - 230°C
	- compression zone	230 - 240°C
	- front zone	240 - 250°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

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The values of properties are for grey colour

Properties	Standards	Unit	Values	
			d.a.m*.	Cond.**
<b>Mechanical</b>				
Tensile modulus	ISO 527 type 1 A	MPa	9600	-
Elongation at break	ISO 527 type 1 A	%	3.5	-
Tensile strength at break	ISO 527 type 1 A	MPa	190	-
Charpy notched impact strength	ISO 179/1eA	kJ/m2	8.80	-
Izod notched impact strength	ISO 180/1A	kJ/m2	8	-
<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 0,45 Mpa	ISO 75/Bf	°C	205	-

## Identification Code : >PA6-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\*.

Cond.\*\*



Engineering Plastics

CHALLENGING BOUNDARIES

