

**Technylstar™ S 216 L2 V30 BLACK**

PA6-GF30

Solvay Engineering Plastics

Product Texts

TECHNYLSTAR polyamide reinforced with 30% GF, UV stabilized, for injection molding.

TECHNYLSTAR TM S 216L V30 BLACK is characterized by general good mechanical properties and high impact resistance in external environment.

It is particularly suitable for automotive external parts requiring UV resistance, like door handles, windshield frames, etc

This product is available in black.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	10400 / -	MPa	ISO 527-1/-2
Stress at break	160 / -	MPa	ISO 527-1/-2
Strain at break	2.1 / -	%	ISO 527-1/-2
Charpy impact strength (+23°C)	45 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8.1 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature (10°C/min)	222 / *	°C	ISO 11357-1/-3

Characteristics**Processing**

Injection Molding

Other text information**Injection Molding**

The material is supplied in virgin 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 0.15% with a dehumidified air drying equipment at approx 80°C.

Recommended moulding conditions:

Barrel temperatures :

- feed zone 220- 225°C
- compression zone 235 - 240 °C
- front zone 240- 245°C

Mould temperatures: 80 °C