



## TECNOPRENE® VK6U

## **TECNOPRENE®**

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, high flow, UV stabilised

#### **Product information**

Resin Identification	PP-GF29	ISO 1043
Part Marking Code	>PP-GF29<	ISO 11469

#### Rheological properties

Melt mass-flow rate 14 g/10min ISO 1133

### Typical mechanical properties

Tensile modulus	6500	MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	85	MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	3.2	%	ISO 527-1/-2
Flexural modulus	6300	MPa	ISO 178
Flexural strength	140	MPa	ISO 178
Charpy impact strength, 23°C	45	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, 23°C	9	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, 23°C	9	kJ/m²	ISO 180/1A
Poisson's ratio	0.35 <sup>[C]</sup>		

[C]: Calculated

#### Thermal properties

Temperature of deflection under load, 1.8 MPa 147 °C ISO 75-1/-2

#### Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	IEC 60695-11-10
Burning Behav. at thickness h	HB class	IEC 60695-11-10
Thickness tested	3.2 mm	IEC 60695-11-10

#### Physical/Other properties

Density 1120 kg/m<sup>3</sup> ISO 1183

### Characteristics

Processing Injection Moulding

Special characteristics U.V. stabilised or stable to weather, High Flow

#### Additional information

Processing Notes Storage

This product should be stored in a covered facility and kept away from moisture

and heat.

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#### **TECNOPRENE®**

#### **Automotive**

Mercedes-Benz

OEM STANDARD

STANDARD ADDITIONAL INFORMATION DBL5416

MS.50042 / PP-H.GF30.5500F.8I.HS

Stellantis

PP 140.80; Headlamp, coolant reservoir

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