

# 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/m <sup>2</sup>	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.

# TECNOPRENE® VK6U

TECNOPRENE®

## Automotive

### OEM

Mercedes-Benz

Stellantis

### STANDARD

DBL5416

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

### ADDITIONAL INFORMATION

PP 140.80;Headlamp , coolant reservoir