

# TECNOPRENE® VK6HIT1 X2

## TECNOPRENE®

Polypropylene, homopolymer. 31% glass fiber reinforced, chemically bonded, high flow, high heat stabilisation.

### Product information

Resin Identification	PP-GF31	ISO 1043
Part Marking Code	>PP-GF31<	ISO 11469

### Rheological properties

Melt mass-flow rate	10 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

### Typical mechanical properties

Tensile modulus	6900 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	78 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	2.8 %	ISO 527-1/-2
Flexural modulus	6500 MPa	ISO 178
Flexural strength	140 MPa	ISO 178
Charpy impact strength, 23°C	40 kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, 23°C	8 kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, 23°C	8 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	145 °C	ISO 75-1/-2
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### 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	1140 kg/m <sup>3</sup>	ISO 1183
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### Characteristics

Processing	Injection Moulding
Special characteristics	Heat stabilised or stable to heat, 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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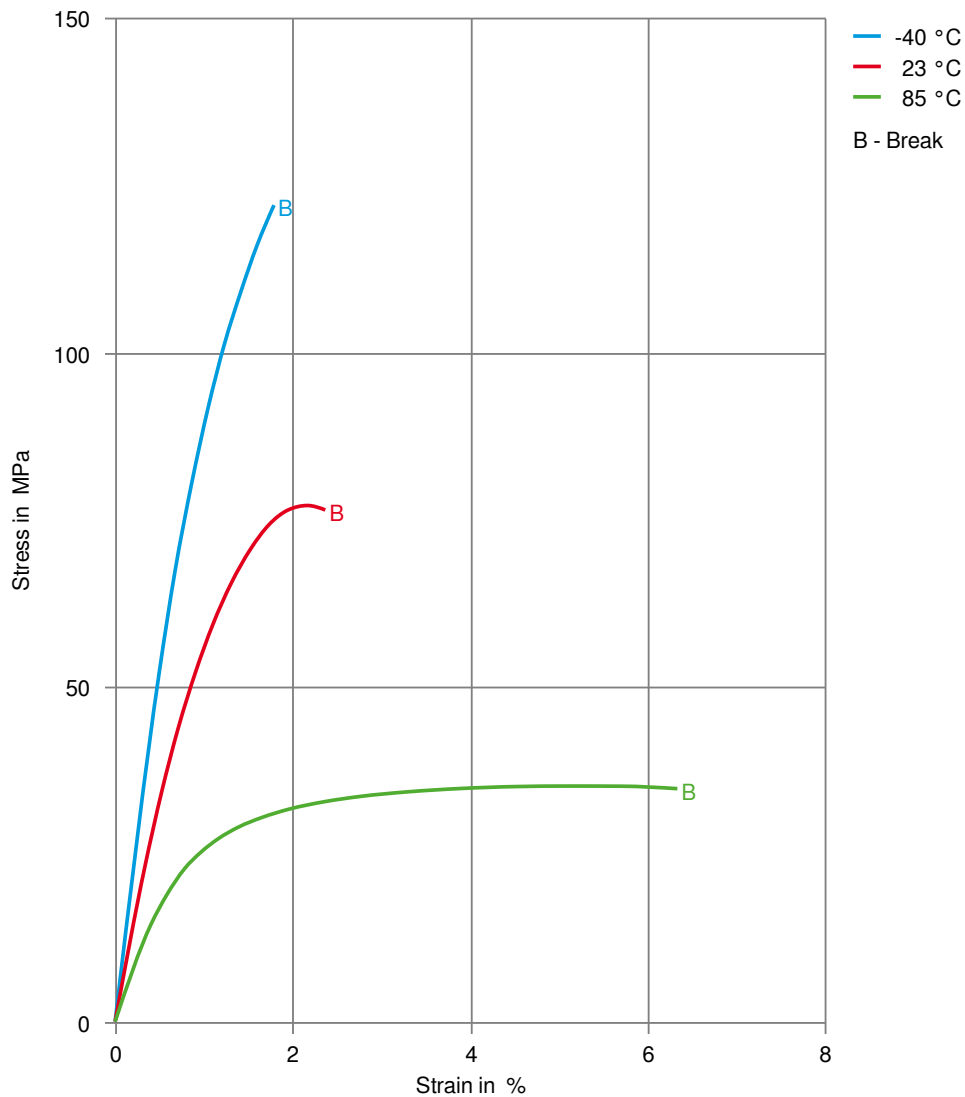
TECNOPRENE®

## Automotive

OEM  
Stellantis

STANDARD  
MS.50119 / PP-H.GF30.5500F.8I.HS

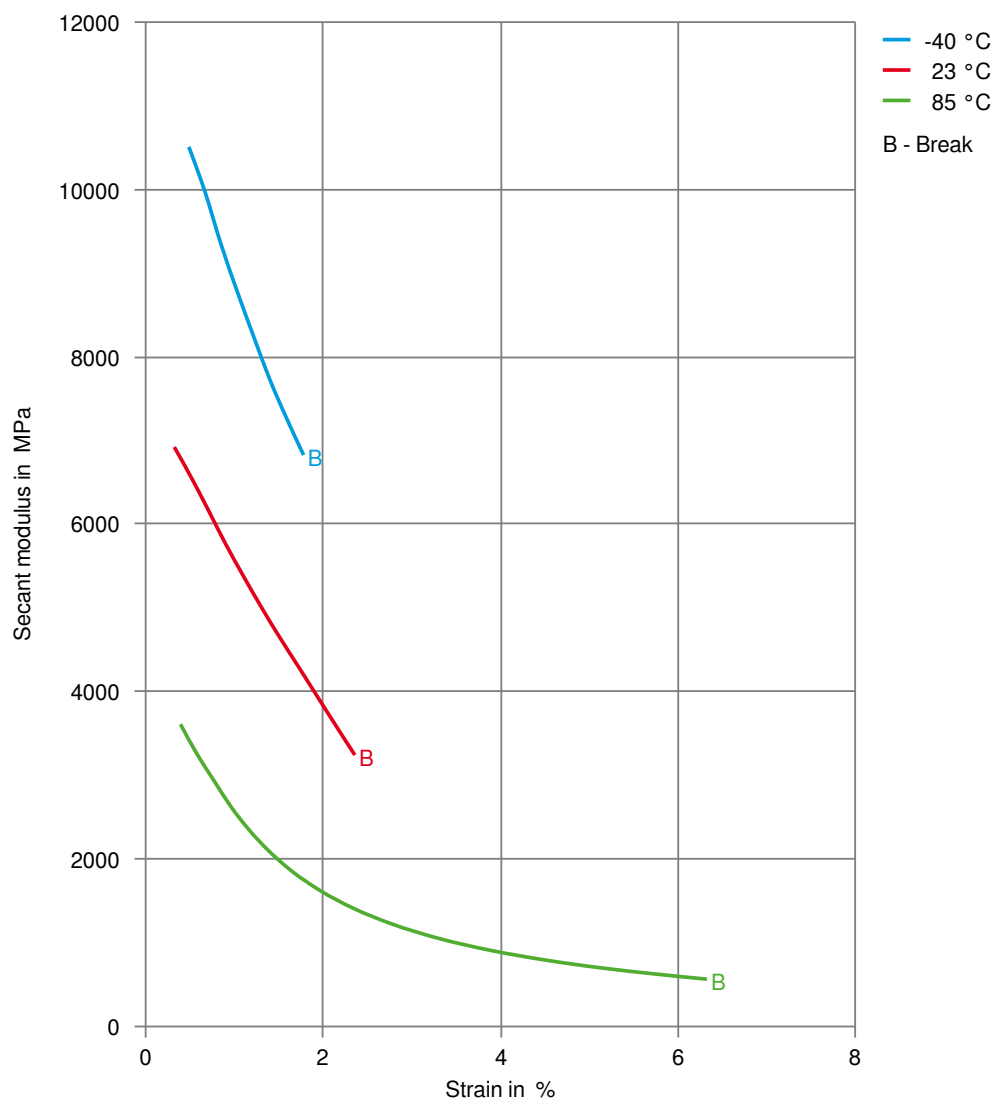
## Stress-strain



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## Secant modulus-strain



Printed: 2025-05-30

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Revised: 2024-01-23 Source: Celanese Materials Database

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