

# TECNOPRENE® 3K4ELU1

## TECNOPRENE®

Elastomer modified polypropylene copolymer, 20% glass fiber reinforced, chemically coupled, high UV resistance

### Product information

Resin Identification	PP-GF20	ISO 1043
Part Marking Code	>PP-GF20<	ISO 11469

### Rheological properties

Melt mass-flow rate	2 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

### Typical mechanical properties

Tensile modulus	3300 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	45 MPa	ISO 527-1/-2
Tensile strain at yield, 50mm/min	5.5 %	ISO 527-1/-2
Flexural modulus	2900 MPa	ISO 178
Flexural strength	62 MPa	ISO 178
Charpy impact strength, 23°C	68 kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, 23°C	26 kJ/m <sup>2</sup>	ISO 179/1eA
Poisson's ratio	0.37 <sup>[C]</sup>	

[C]: Calculated

### Thermal properties

Temperature of deflection under load, 1.8 MPa	100 °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
FMVSS Class	B	ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	77.4 mm/min	ISO 3795 (FMVSS 302)

### Physical/Other properties

Density	1040 kg/m <sup>3</sup>	ISO 1183
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### Characteristics

Processing	Injection Moulding
Special characteristics	High impact or impact modified, U.V. stabilised or stable to weather

### 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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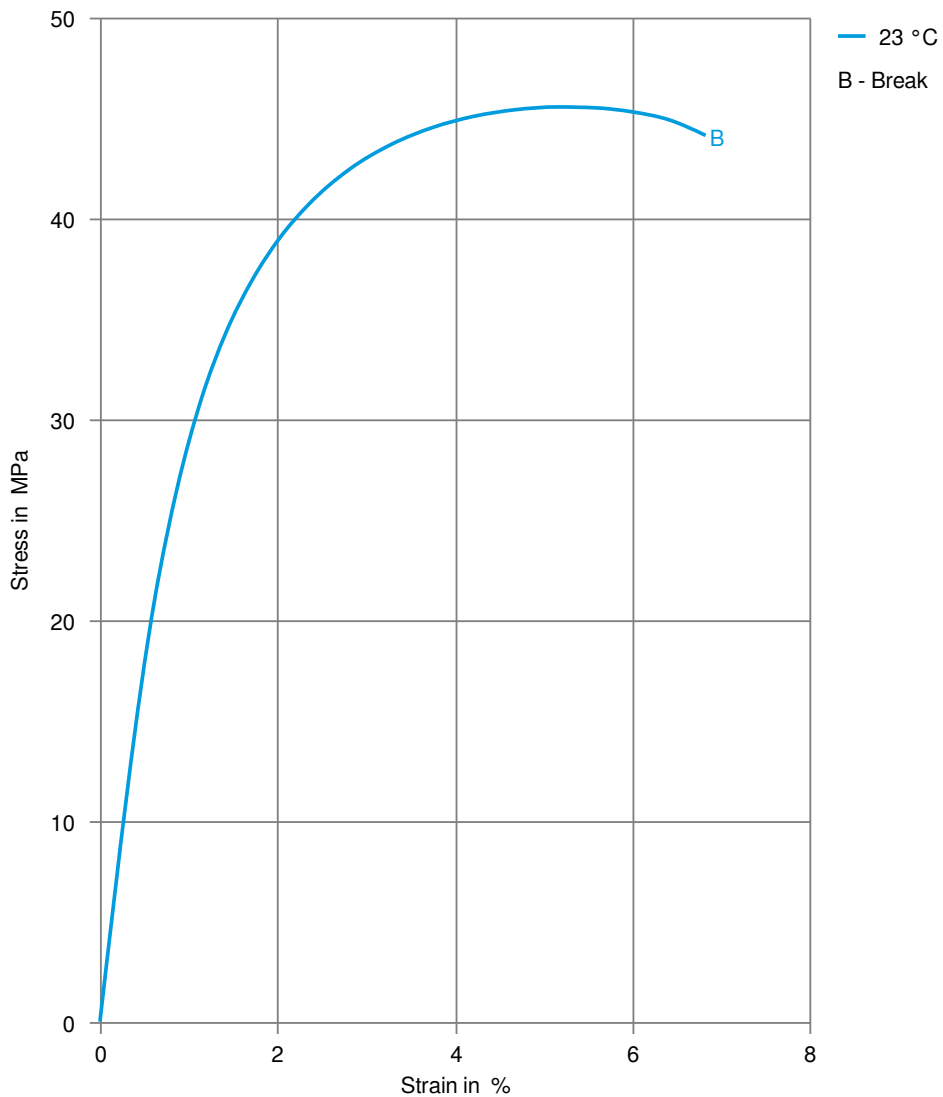
### Automotive

OEM  
Bosch

STANDARD  
N28 BN10-X003

ADDITIONAL INFORMATION  
Black

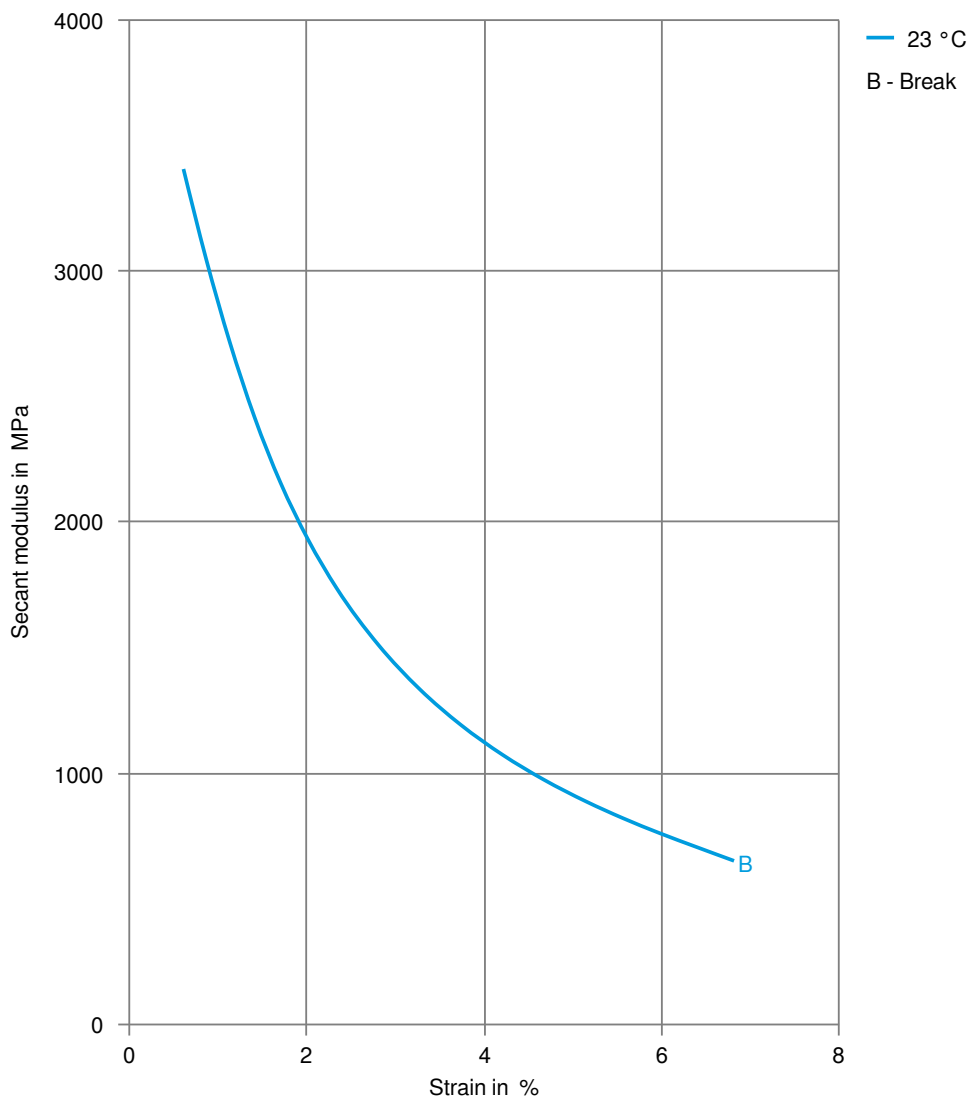
### Stress-strain



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## Secant modulus-strain



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