

# TECNOPRENE® DEV HF GF/10 V0

Polypropylene, homopolymer, 10% glass fiber reinforced, chemically coupled, V0, halogen free

## Rheological properties

Moulding shrinkage range, parallel	0.7 - 1.0 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.8 - 1.1 %	ISO 294-4, 2577

## Typical mechanical properties

Tensile Modulus	4100 MPa	ISO 527-1/-2
Stress at break, 5mm/min	45 MPa	ISO 527-1/-2
Strain at break, 5mm/min	4 %	ISO 527-1/-2
Flexural Modulus	3500 MPa	ISO 178
Flexural Strength	75 MPa	ISO 178
Charpy notched impact strength, 23°C	4.5 kJ/m <sup>2</sup>	ISO 179/1eA

## Thermal properties

Temp. of deflection under load, 1.8 MPa	122 °C	ISO 75-1/-2
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## Flammability

Burning Behav. at thickness h	V-0 class	UL 94
Thickness tested	1.60 mm	UL 94
UL recognition	yes	UL 94

## Other properties

Density	1160 kg/m <sup>3</sup>	ISO 1183
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## Injection

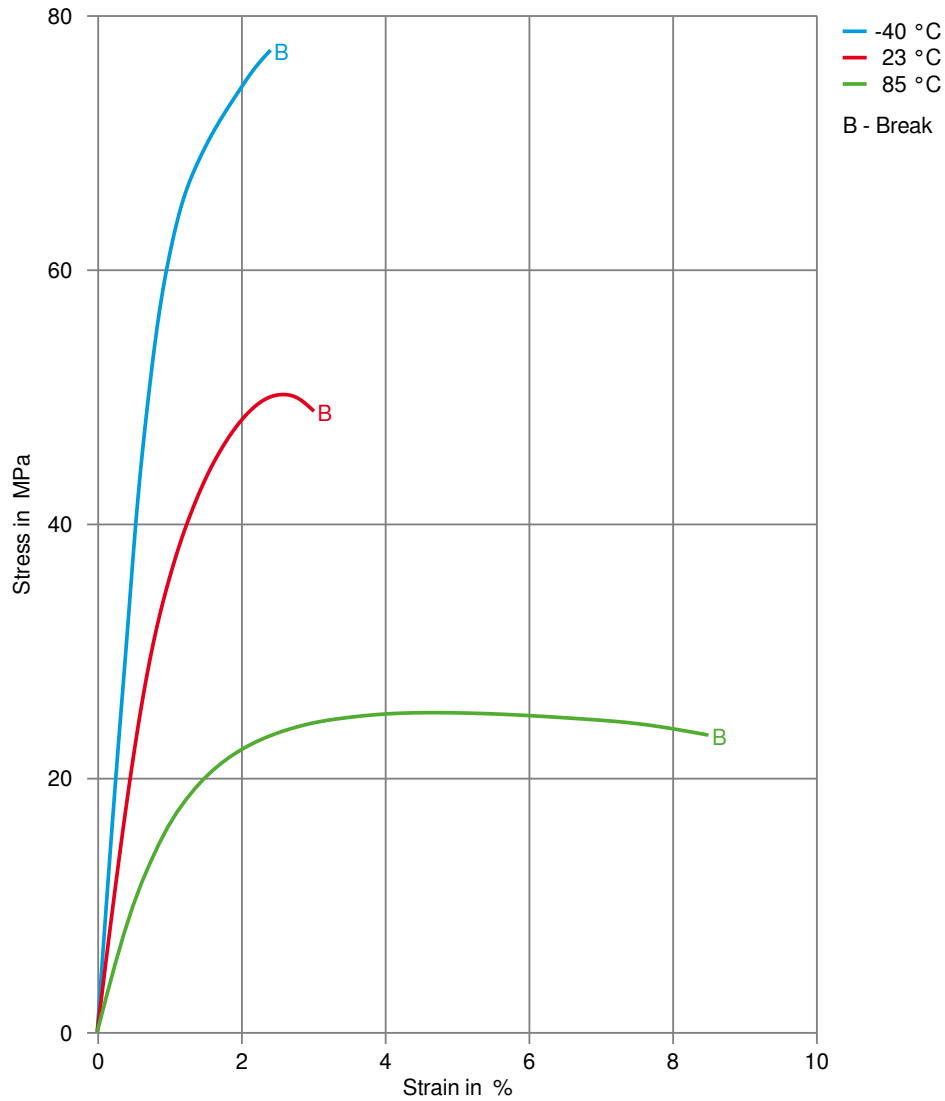
Drying Temperature	80 - 100 °C
Drying Time, Dehumidified Dryer	2 - 3 h
Max. mould temperature	50 - 80 °C

## Characteristics

Additives	Flame retardant
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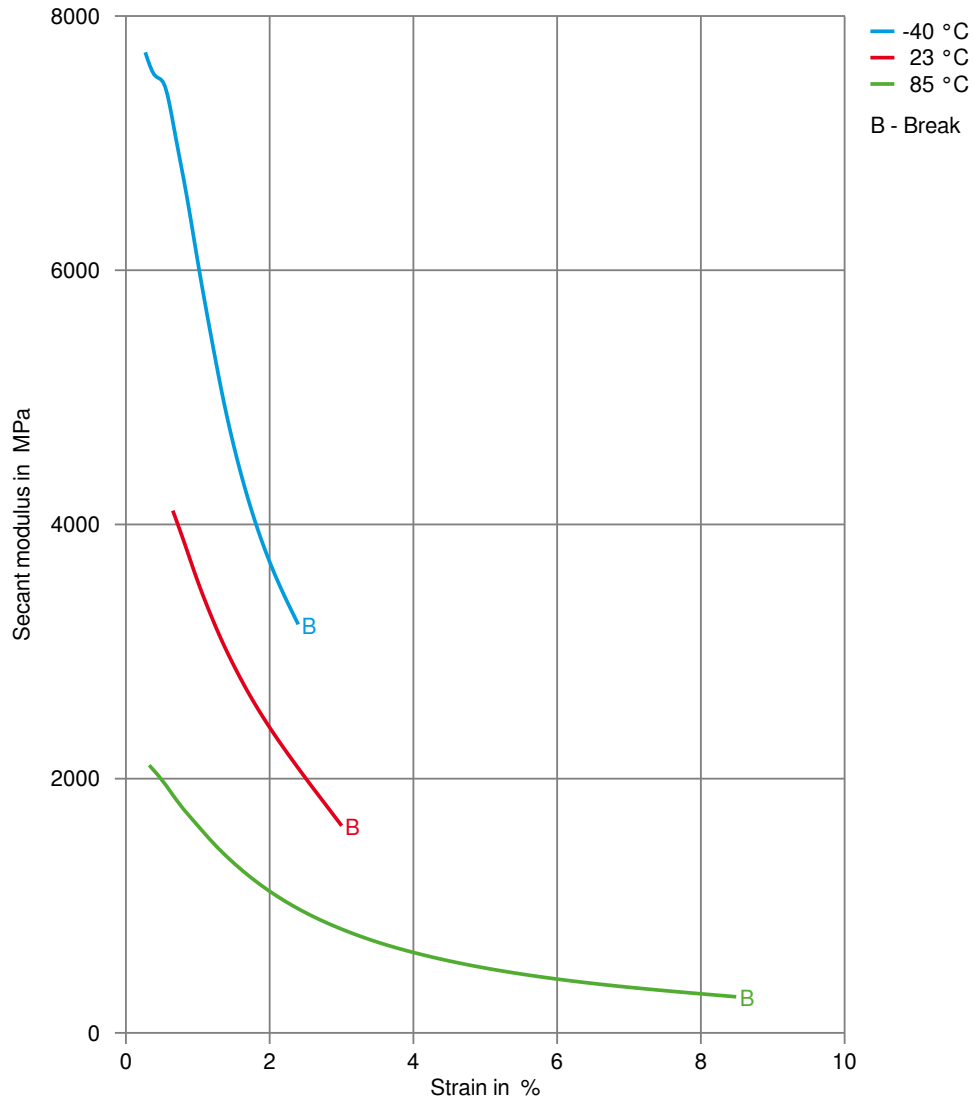
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## Stress-strain



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## Secant modulus-strain



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## Processing Texts

Longer pre-drying times/storage

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

