

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 ²	ISO 179/1eA

Thermal properties

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

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 ³	ISO 1183
---------	------------------------	----------

Injection

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

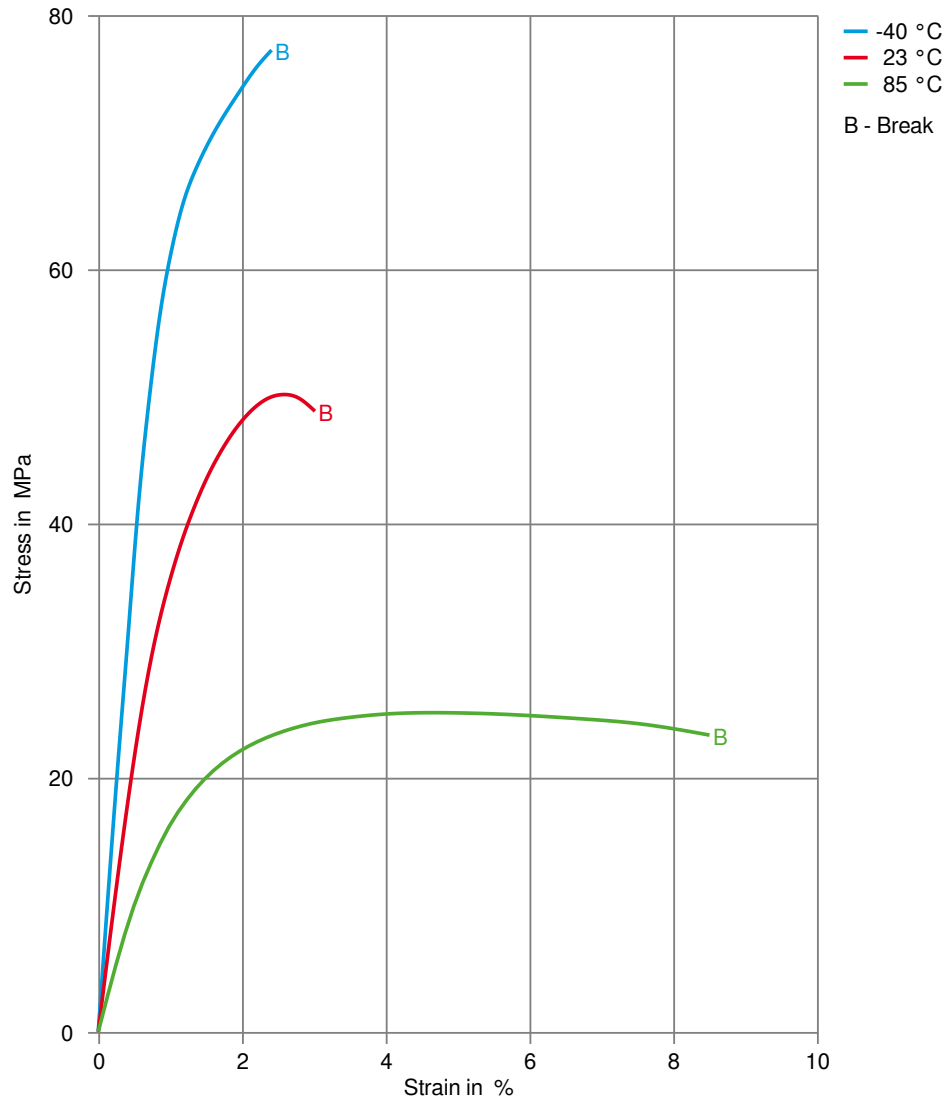
Characteristics

Additives	Flame retardant
-----------	-----------------



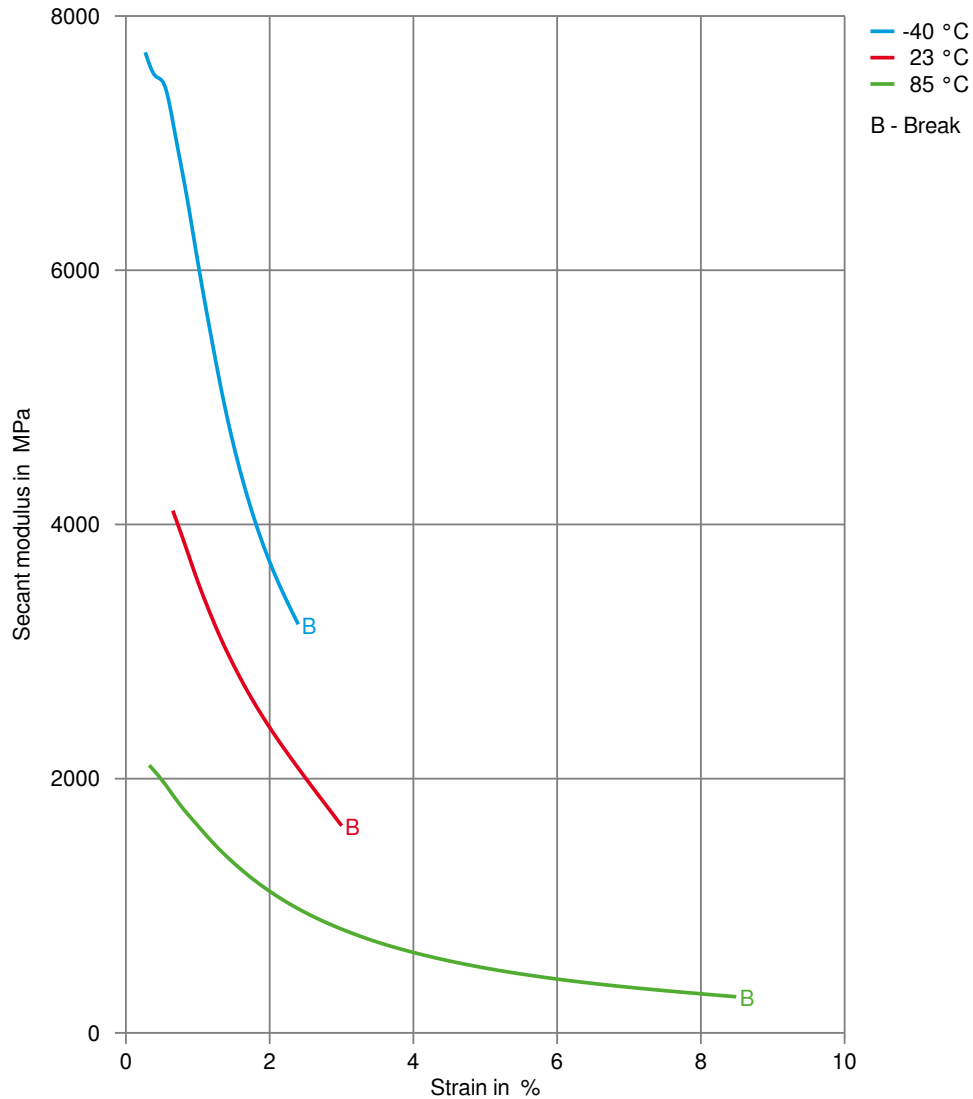
TECNOPRENE® DEV HF GF/10 V0

Stress-strain



TECNOPRENE® DEV HF GF/10 V0

Secant modulus-strain



TECNOPRENE® DEV HF GF/10 V0

Processing Texts

Longer pre-drying times/storage

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

