

TECNOPRENE® A60K4

Polypropylene, homopolymer, 20% glass fiber reinforced, chemically coupled.

Rheological properties

Moulding shrinkage range, parallel	0.4 - 0.6 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.5 - 0.9 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	4600 MPa	ISO 527-1/-2
Stress at break, 5mm/min	70 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.5 %	ISO 527-1/-2
Flexural Modulus	4300 MPa	ISO 178
Flexural Strength	110 MPa	ISO 178
Izod notched impact strength, 23°C	10 kJ/m ²	ISO 180/1A

Thermal properties

Temp. of deflection under load, 1.8 MPa	141 °C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	30 E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	150 E-6/K	ISO 11359-1/-2

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
Burning Behav. at thickness h	HB class	UL 94

Other properties

Density	1040 kg/m ³	ISO 1183
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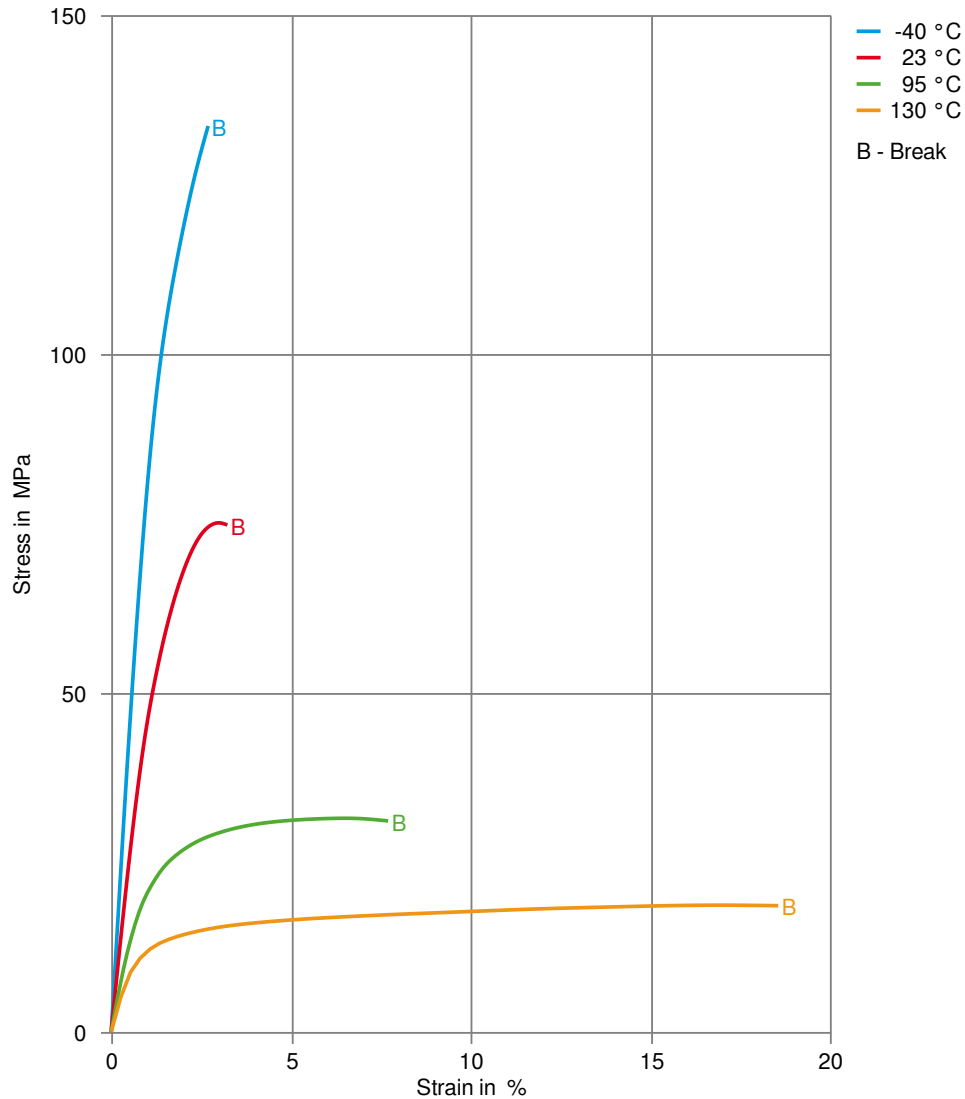
Injection

Drying Temperature	80 - 100 °C	
Drying Time, Dehumidified Dryer	2 - 3 h	
Melt Temperature Optimum	230 °C	Internal
Max. mould temperature	50 - 80 °C	



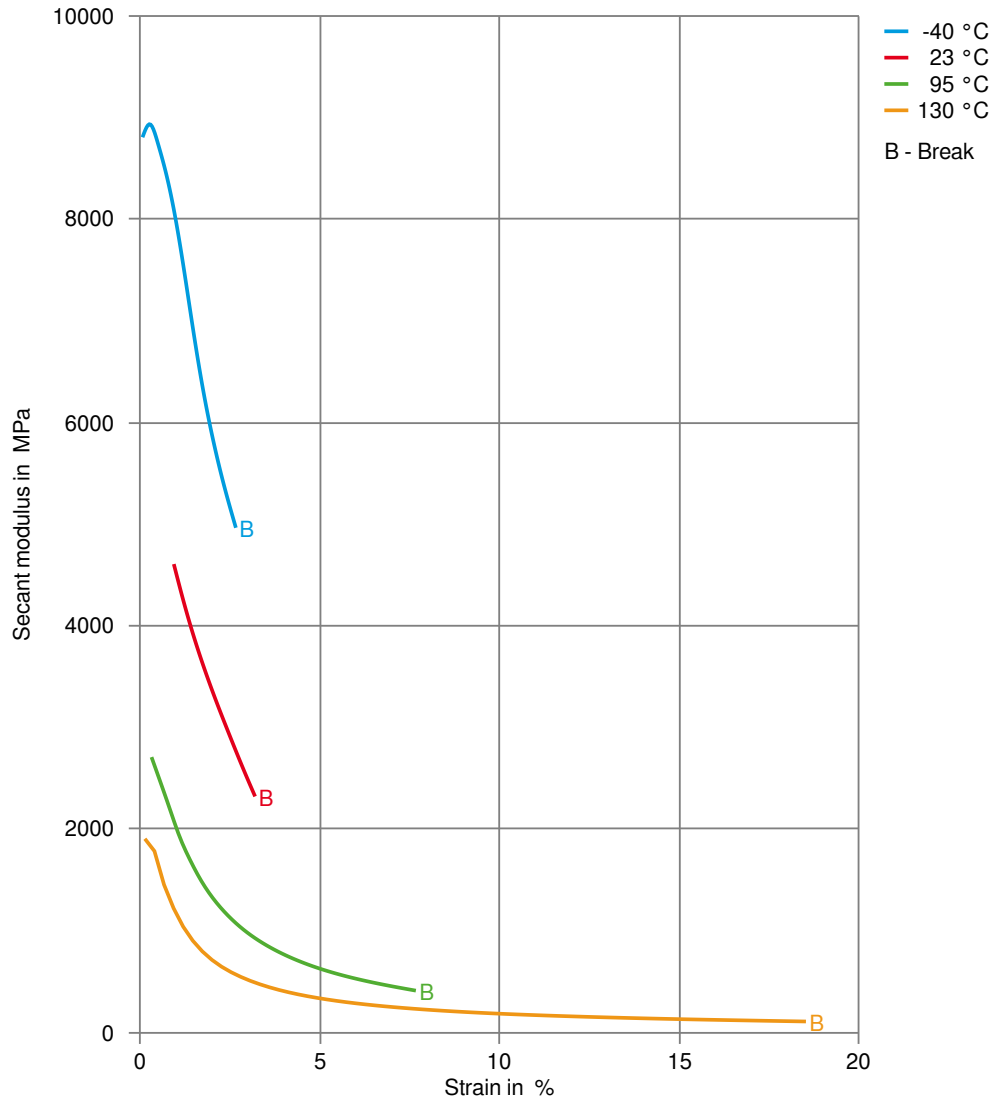
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Stress-strain



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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.

Other Approvals

Other Approvals

OEM	Specification	Additional Information
Bosch	N28 BN09-GF004	Natural & Black
VW Group	VW44045	

