

TECNOPRENE® AK6LE BIANCO 162

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, low emission.

Rheological properties

Moulding shrinkage range, parallel	0.3 - 0.6 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.7 - 0.9 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	6600 MPa	ISO 527-1/-2
Stress at break, 5mm/min	68 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.2 %	ISO 527-1/-2
Flexural Modulus	7300 MPa	ISO 178
Flexural Strength	120 MPa	ISO 178
Charpy impact strength, 23°C	35 kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	28 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	8 kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	5 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	138 °C	ISO 75-1/-2
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Flammability

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

Other properties

Density	1210 kg/m ³	ISO 1183
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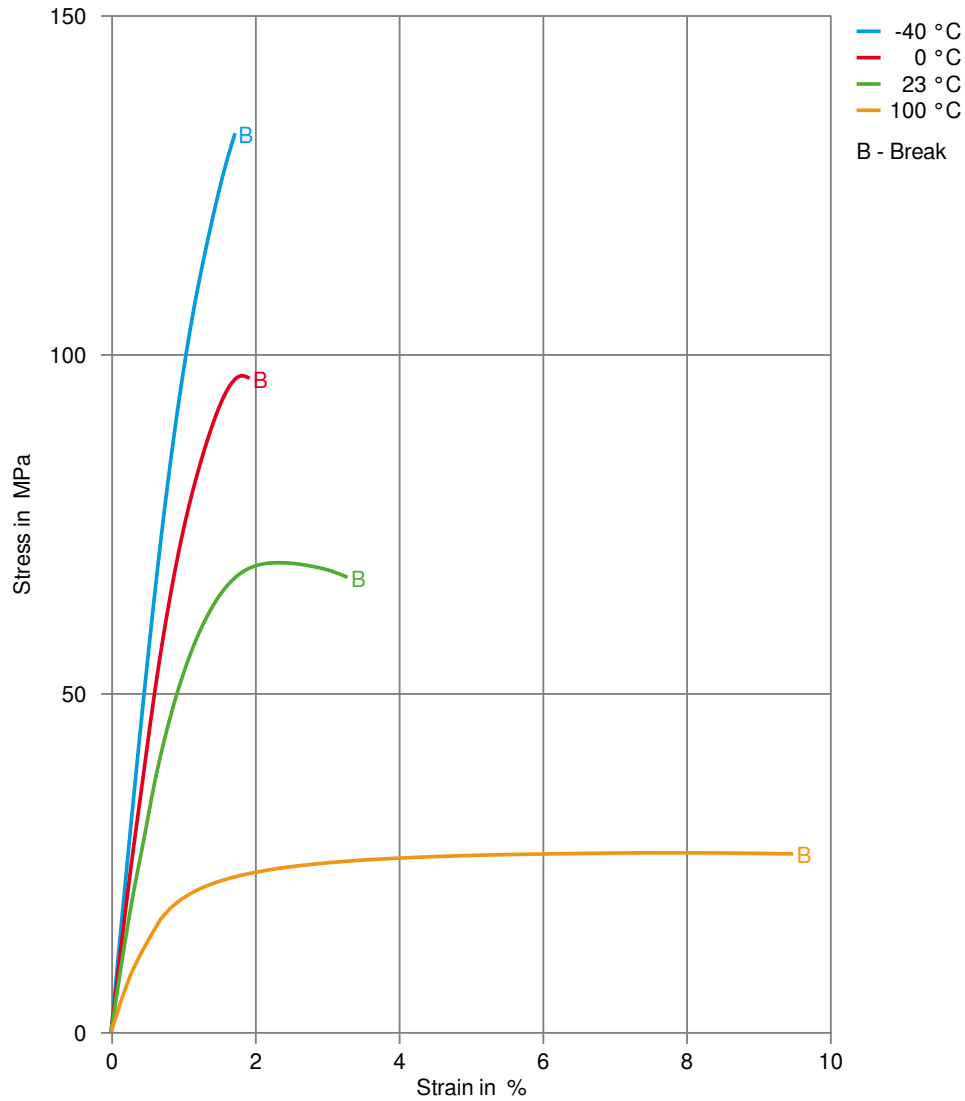
Injection

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



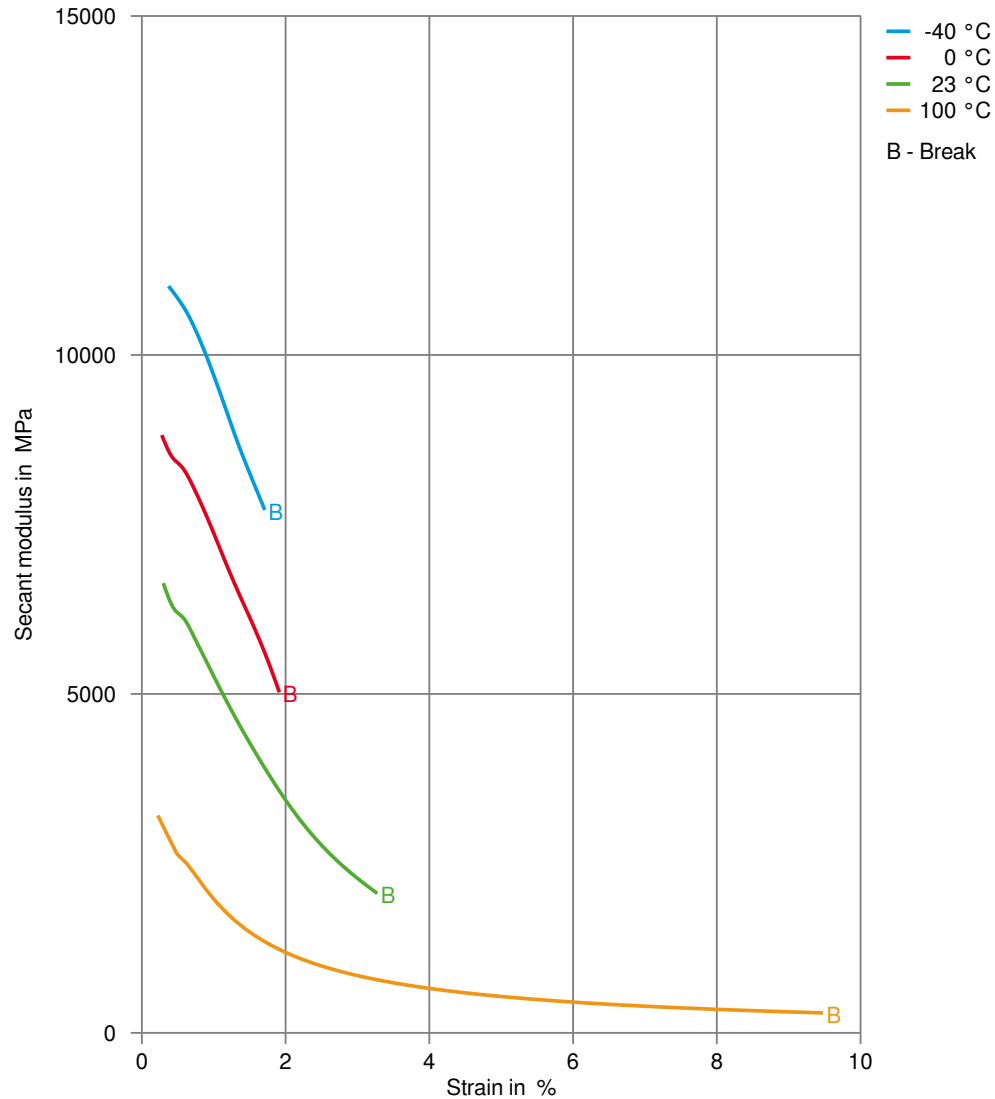
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Stress-strain



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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
Stellantis - Chrysler	CPN 5472	Forli, Italy ASTM D5857P P1140G30G67370RXX
VW Group		No Spec, special part approval

