

POLIFOR® L15 GF/30 H3 X3

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, Heat stabilized; May contain recycled plastics, content depends on plastics availability

Rheological properties

Melt mass-flow rate	6 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile Modulus	6400 MPa	ISO 527-1/-2
Stress at break, 5mm/min	70 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.3 %	ISO 527-1/-2
Flexural Modulus	6100 MPa	ISO 178
Charpy impact strength, 23°C	40 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	9 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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Other properties

Density	1130 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

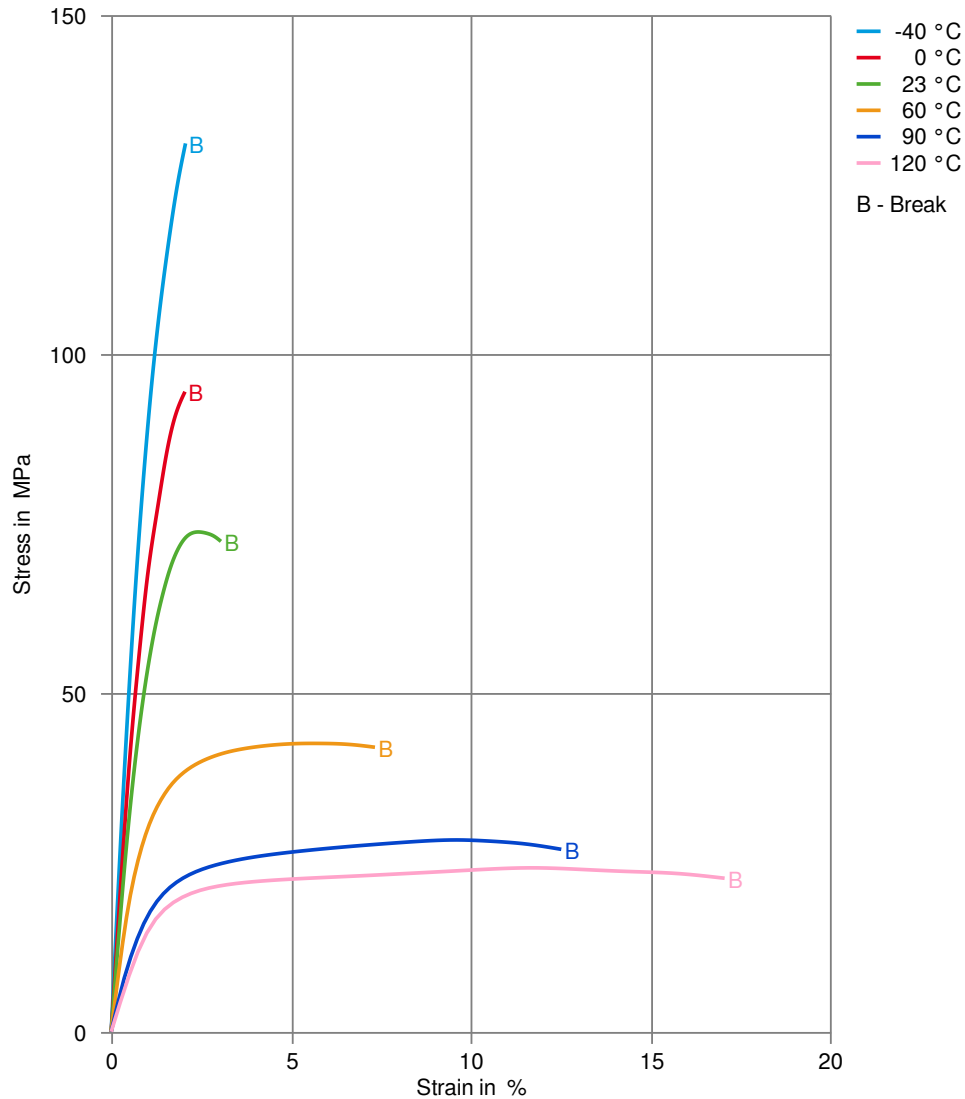
Characteristics

Additives	Contains Recycle
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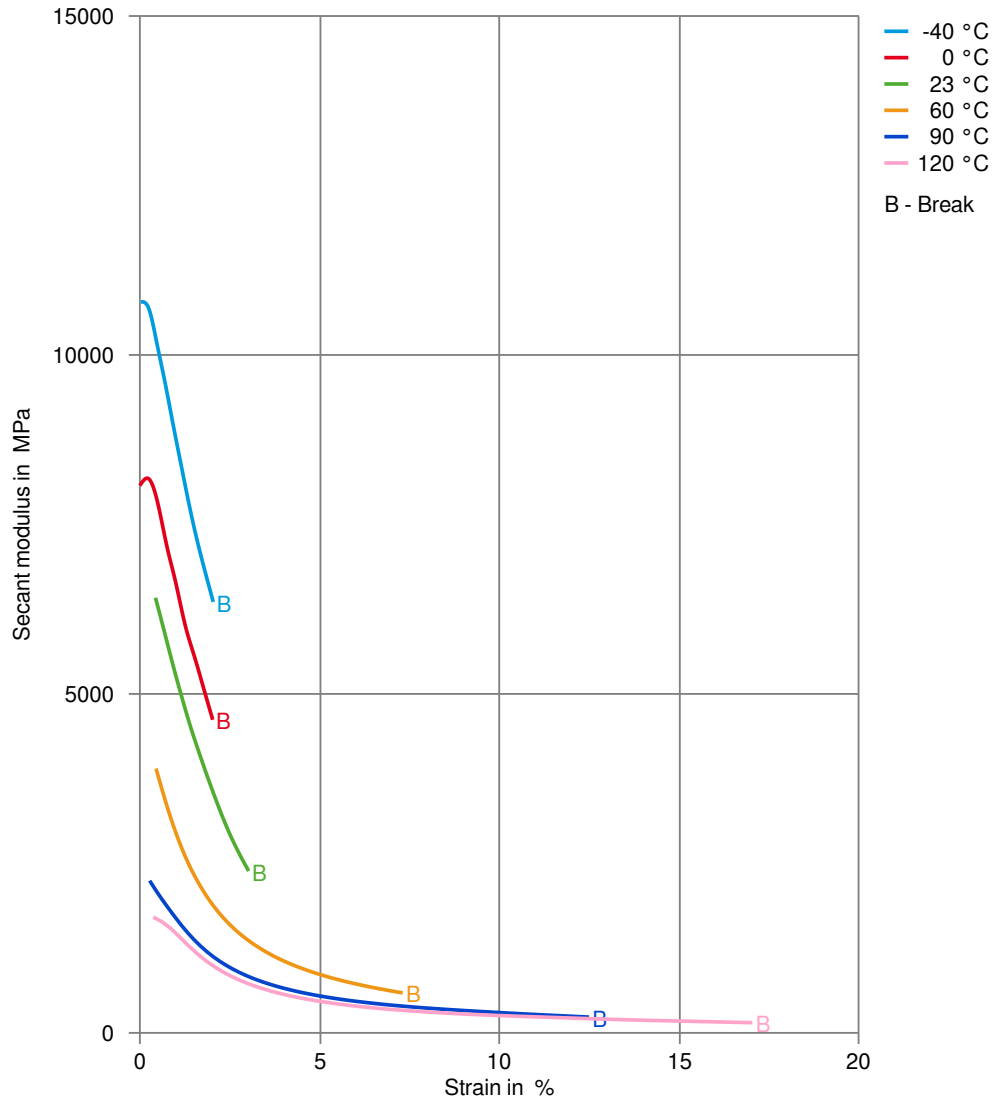
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Stress-strain



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Secant modulus-strain



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Other Approvals

Other Approvals

OEM	Specification
Mercedes-Benz Group (Daimler)	DBL 5416

