

POLIFOR® L15 GF/30 H3 X3

POLIFOR®

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

Product information

Resin Identification	PP-GF30	ISO 1043
Part Marking Code	>PP-GF30<	ISO 11469

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
Tensile stress at break, 5mm/min	70 MPa	ISO 527-1/-2
Tensile 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
Poisson's ratio	0.35 ^[C]	

[C]: Calculated

Thermal properties

Temperature of deflection under load, 1.8 MPa	138 °C	ISO 75-1/-2
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Physical/Other properties

Density	1130 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Special characteristics	Heat stabilised or stable to heat

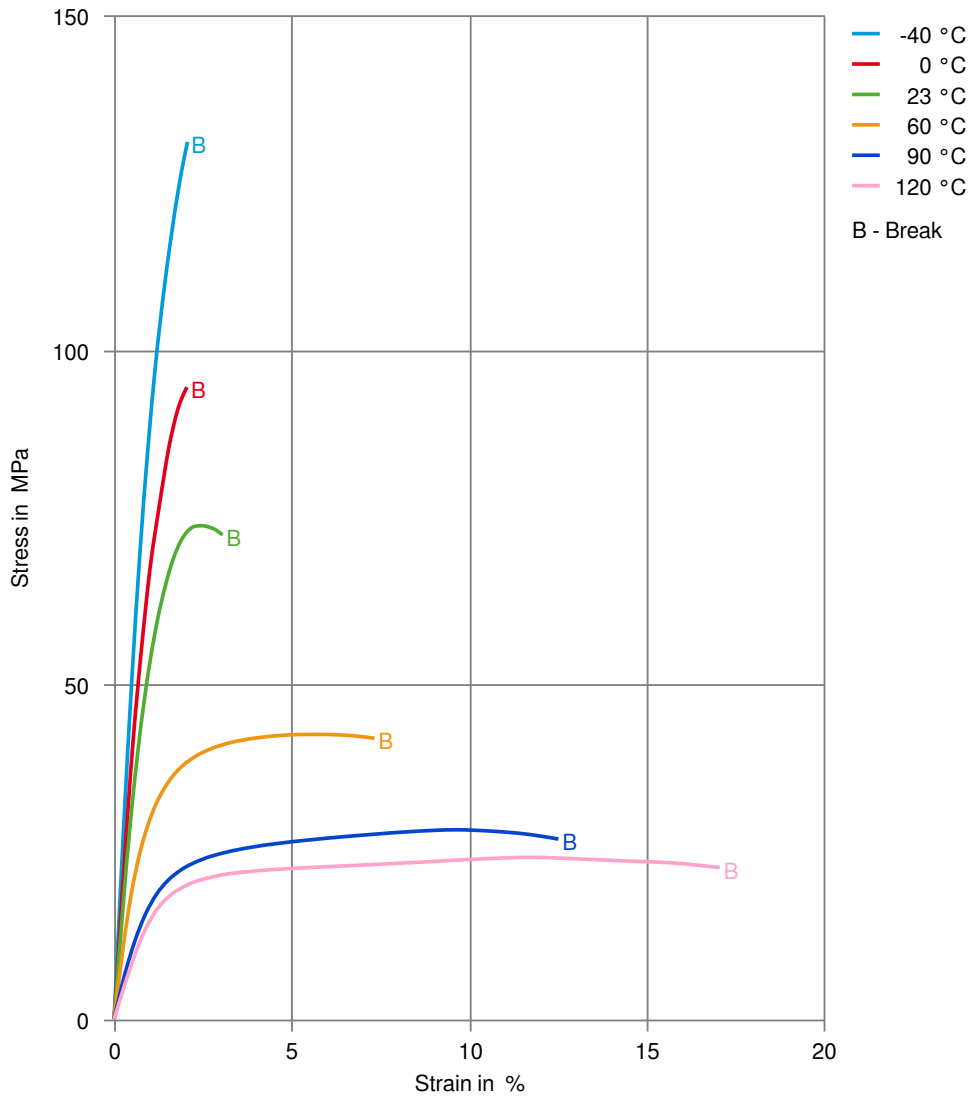
Automotive

OEM	STANDARD
Mercedes-Benz	DBL5416

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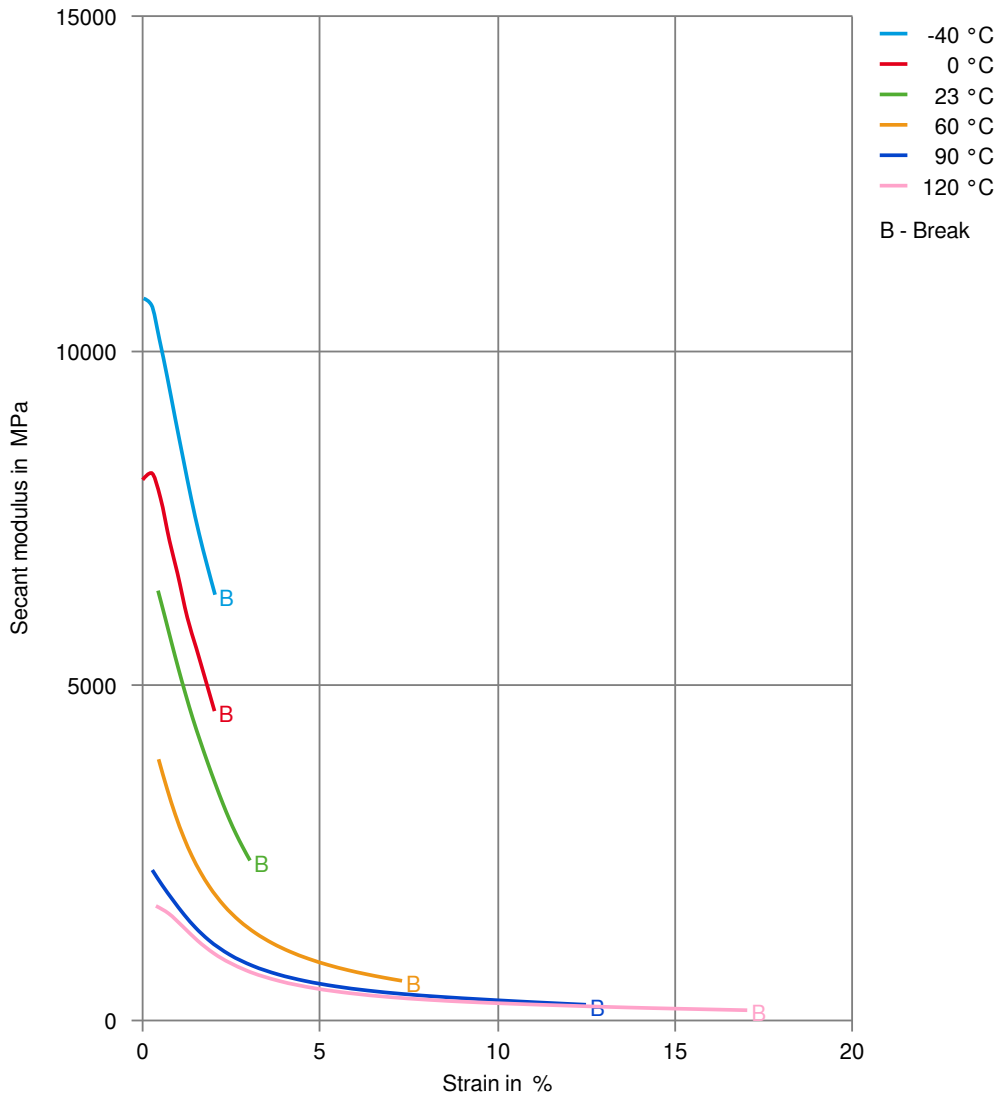
Stress-strain



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Secant modulus-strain



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