

POLIFOR® L30 GFFE/1260 H-R NERO X2

POLIFOR®

Polypropylene, homopolymer, 60% magnetite and 12% glass fiber reinforced, chemically coupled; heat and copper contact stabilised.

Product information

Resin Identification	PP-(GF+Z)72	ISO 1043
Part Marking Code	>PP-(GF+Z)72<	ISO 11469

Rheological properties

Melt mass-flow rate	11 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	52 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	2 %	ISO 527-1/-2
Flexural modulus	6800 MPa	ISO 178
Charpy impact strength, 23°C	21 kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	19 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	5 kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	4 kJ/m ²	ISO 179/1eA
Poisson's ratio	0.35 ^[C]	

[C]: Calculated

Thermal properties

Temperature of deflection under load, 1.8 MPa	125 °C	ISO 75-1/-2
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Flammability

Burning Behav. at thickness h	HB class	IEC 60695-11-10
Thickness tested	3.2 mm	IEC 60695-11-10

Physical/Other properties

Density	2010 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Additives	Metal deactivator
Special characteristics	Heat stabilised or stable to heat

Additional information

Processing Notes

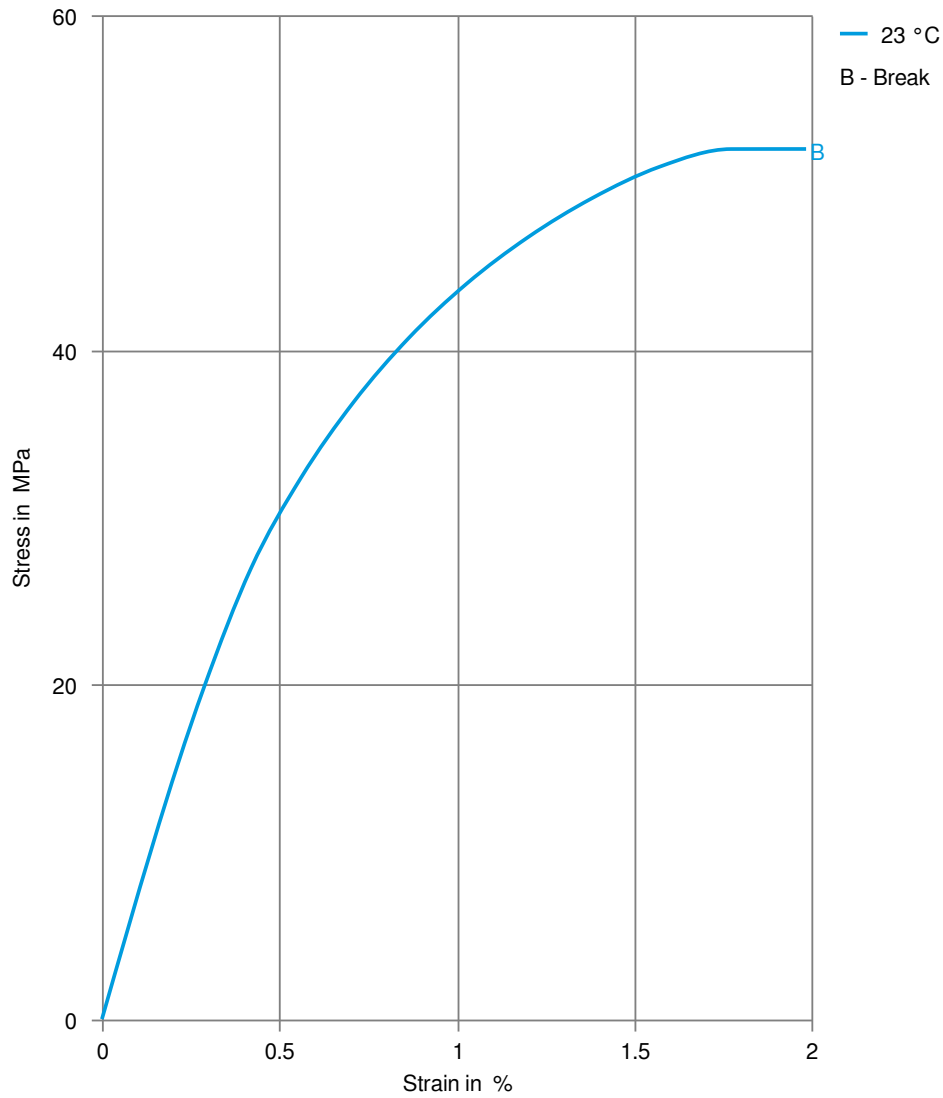
Storage

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

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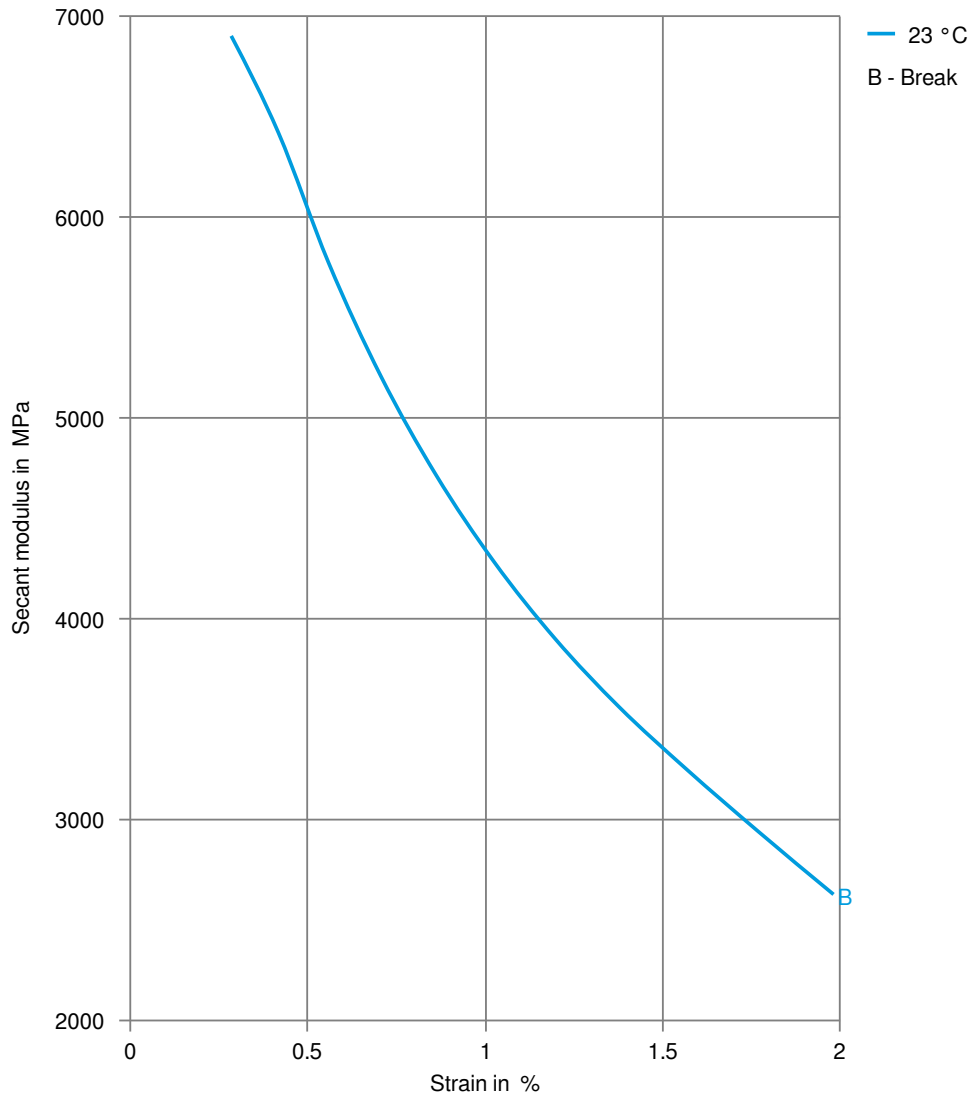
Stress-strain



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Secant modulus-strain



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