Celanese
The chemistry inside innovation™

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/m²	ISO 179/1eU
Charpy notched impact strength, 23°C	9	kJ/m²	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

Physical/Other properties

Density	1130	kg/m³	ISO 1183

Characteristics

Processing	Injection Moulding
Special characteristics	Heat stabilised or stable to heat

Automotive

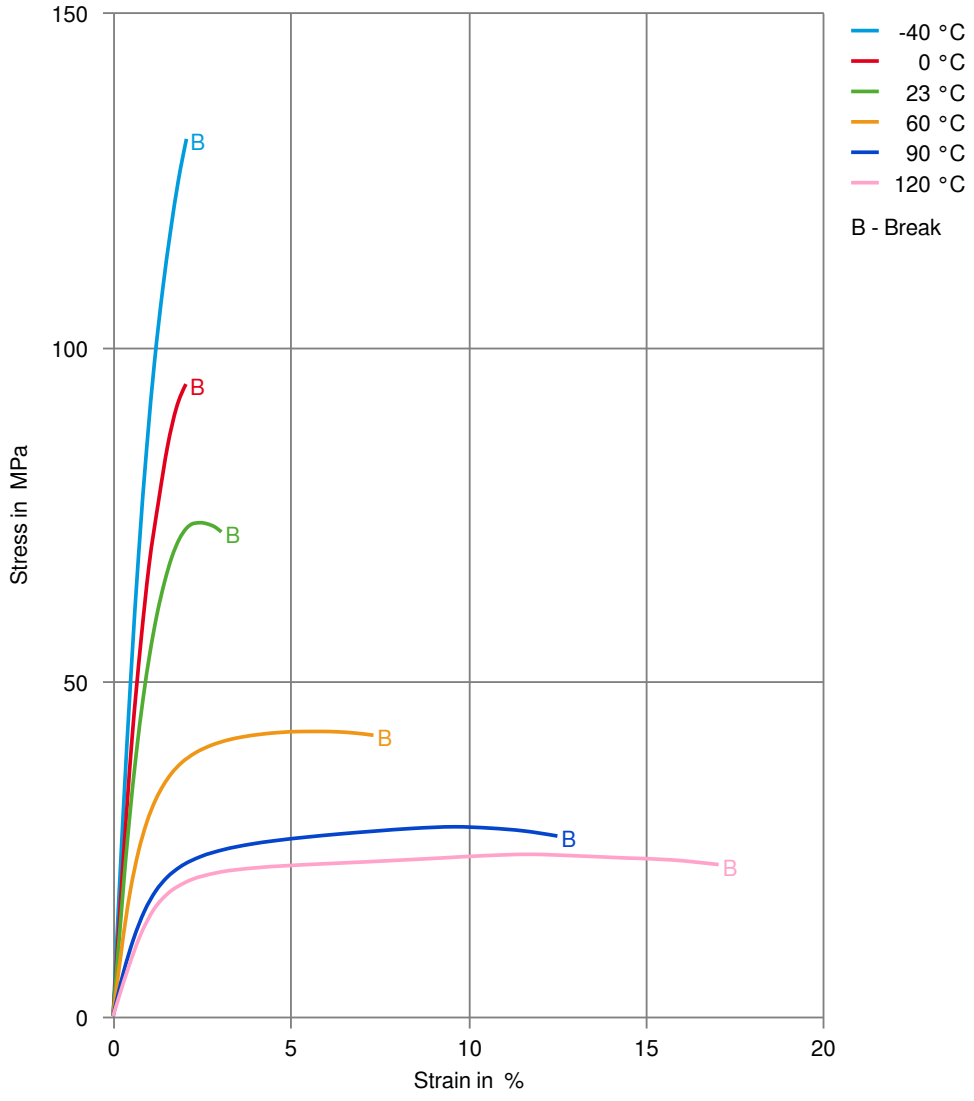
OEM	STANDARD
Mercedes-Benz	DBL5416

Celanese
The chemistry inside innovation™

POLIFOR® L15 GF/30 H3 X3

POLIFOR®

Stress-strain



Celanese
The chemistry inside innovation™

POLIFOR® L15 GF/30 H3 X3

POLIFOR®

Secant modulus-strain