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	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	928000	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	10200	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	3.3	%	ISO 527-1/-2
Flexural modulus	885000	psi	ISO 178
Charpy impact strength, 23°C	19	ftlb/in²	ISO 179/1eU
Charpy notched impact strength, 23°C	4.28	ftlb/in²	ISO 179/1eA

Thermal properties

Temperature of deflection under load, 1.8 MPa	280	°F	ISO 75-1/-2

Physical/Other properties

Density	0.0408	lb/in³	ISO 1183

Automotive

OEM	STANDARD
Mercedes-Benz	DBL5416

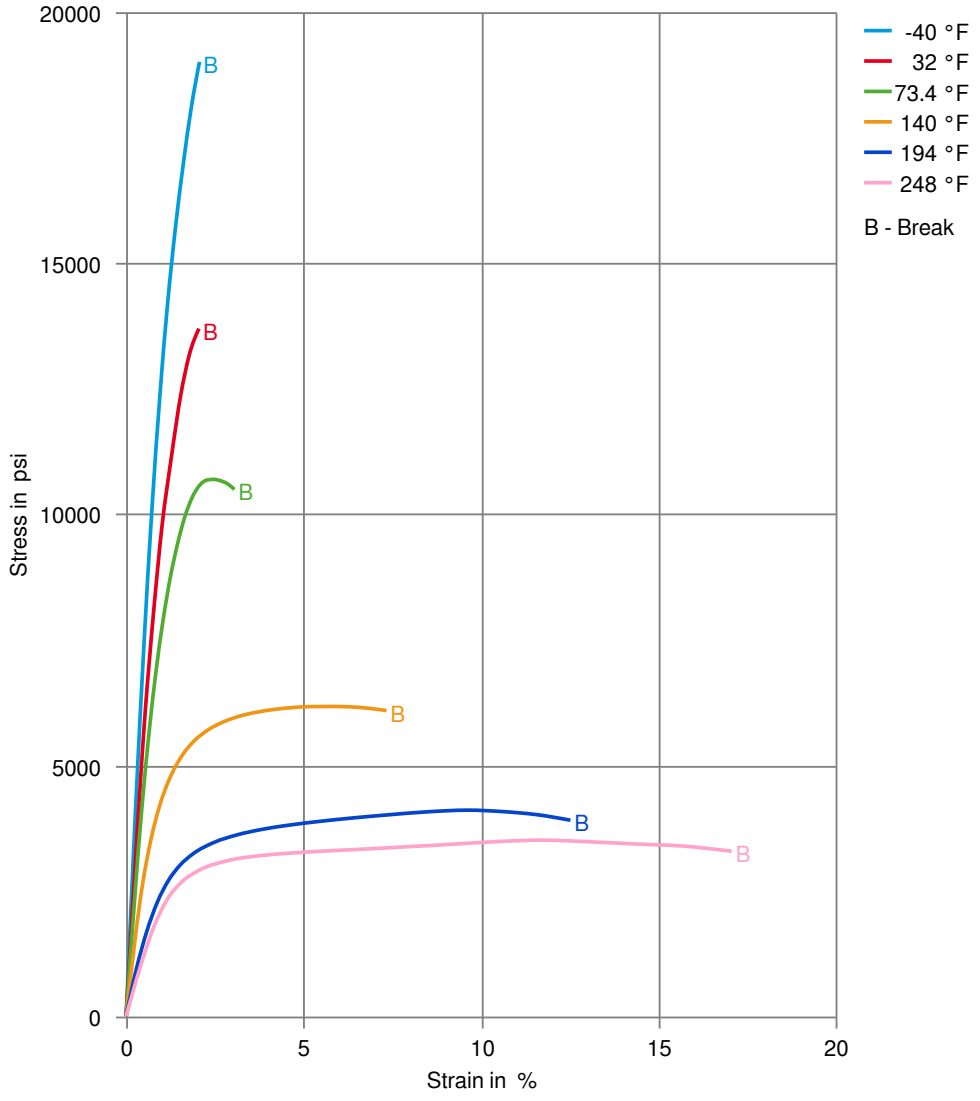
Characteristics

Processing	Injection Molding
Special characteristics	Heat stabilized or stable to heat

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Stress-strain

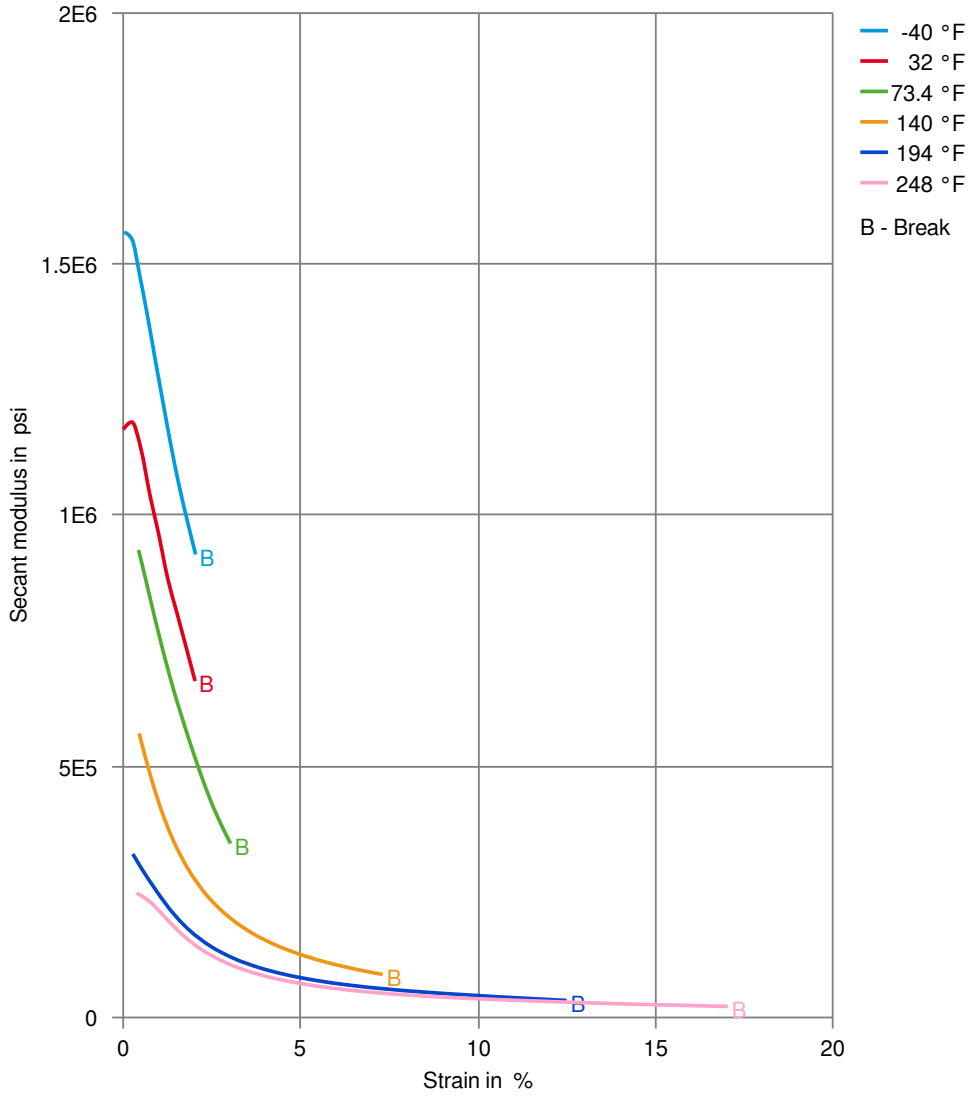


Revised: 2024-11-26 Source: Celanese Materials Database

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Secant modulus-strain



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