POLIFOR® L10 GF/30 H3 X2

POLIFOR®

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, high heat stabilization; May contain recycled PP depending on availability

Product information

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

Rheological properties

Melt mass-flow rate	7	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	1.02E6	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	11900	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	2.7	%	ISO 527-1/-2
Flexural modulus	1000000	psi	ISO 178
Charpy impact strength, 23°C	21.4	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	295	°F	ISO 75-1/-2
Coefficient of linear thermal expansion (CLTE), parallel	0.10	E-4/°F	ISO 11359-1/-2
Coefficient of linear thermal expansion (CLTE), normal	0.771	E-4/°F	ISO 11359-1/-2

Flammability

Burning Behav. at 1.5mm nom. thickn.	HB	class	IEC 60695-11-10
Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.1260	in	IEC 60695-11-10
FMVSS Class	B		ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	3.11	in/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	0.0412	lb/in³	ISO 1183

Injection

Ejection temperature	237	°F	

Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
General Motors	GMW16607P-PP-GF30	Black
Stellantis	MS.50042 / PP-H.GF30.9400F.9I.HS	CPN3580

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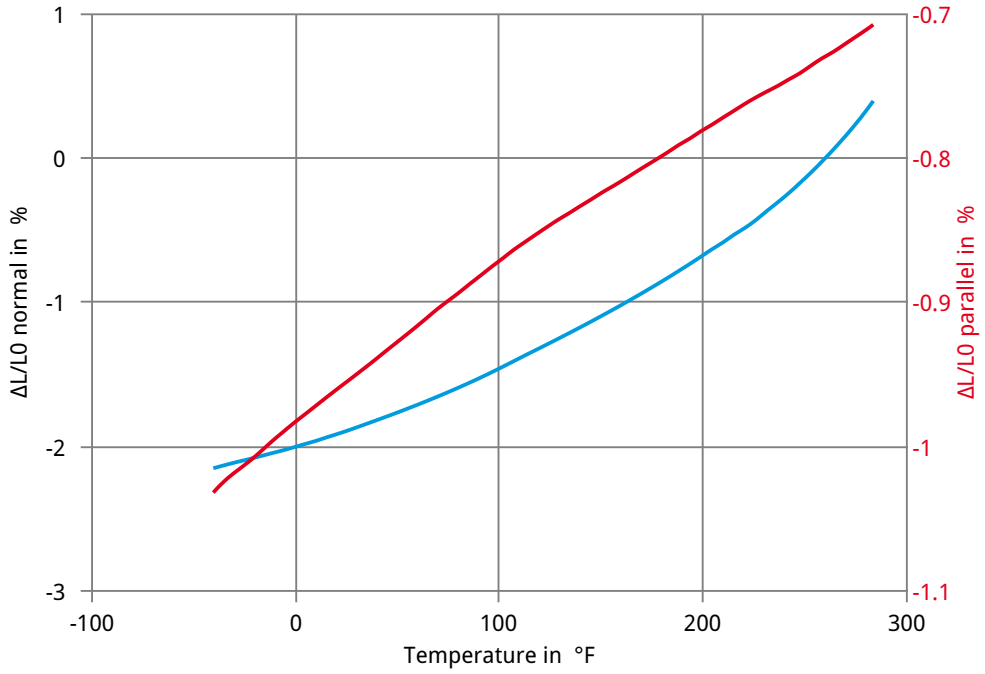
POLIFOR®

Stellantis - Chrysler	MS.50042 / CPN-3580	Black
VW Group	VW 44045	

Characteristics

Processing	Injection Molding
Special characteristics	Heat stabilized or stable to heat

Thermal expansion



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