POLIFOR® L30 GF/30 H X2

POLIFOR®

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled, Heat stabilized. 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	9	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	943000	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	10400	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	2.8	%	ISO 527-1/-2
Flexural modulus	899000	psi	ISO 178
Flexural strength	17400	psi	ISO 178
Charpy notched impact strength, 23°C	3.81	ftlb/in²	ISO 179/1eA
Izod notched impact strength, 23°C	4.04	ftlb/in²	ISO 180/1A

Thermal properties

Temperature of deflection under load, 1.8 MPa	291	°F	ISO 75-1/-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

Physical/Other properties

Density	0.0408	lb/in³	ISO 1183

Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
Renault	EP16a, No Spec, Special Part Approval, See Your CE Account Manager.	
Stellantis	B62 0300 / 61/30/G1/215E/H604	Technical Black;01994_17_00722

Characteristics

Processing	Injection Molding
Special characteristics	Heat stabilized or stable to heat

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Revised: 2025-09-09 Source: Celanese Materials Database

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