

**POLIFOR® L6 GF/30 H-D-R NATURALE - PP****Description**

Polypropylene, homopolymer, 30% glass fiber reinforced, chemically coupled; heat, detergent and copper contact stabilised.

**Physical properties**

	Value	Unit	Test Standard
Density	1130	kg/m³	ISO 1183
Melt flow rate, MFR	4	g/10min	ISO 1133
MFR temperature	230	°C	ISO 1133
MFR load	2.16	kg	ISO 1133

**Mechanical properties**

	Value	Unit	Test Standard
Tensile modulus	6900	MPa	ISO 527-2/1A
Tensile stress at break, 5mm/min	85	MPa	ISO 527-2/1A
Tensile strain at break, 5mm/min	3.5	%	ISO 527-2/1A
Flexural modulus, 23°C	6600	MPa	ISO 178
Izod impact notched, 23°C	11	kJ/m²	ISO 180/1A

**Thermal properties**

	Value	Unit	Test Standard
DTUL at 1.8 MPa	148	°C	ISO 75-1, -2
Vicat softening temperature, 50 °C/h 50N	138	°C	ISO 306
Flammability at thickness h	HB	class	UL 94
thickness tested (h)	1.50	mm	UL 94
UL recognition (h)	UL	-	UL 94

**Typical injection moulding processing conditions****Pre Drying**

	Value	Unit	Test Standard
Drying time	2 - 3	h	-
Drying temperature	80 - 100	°C	-

**Temperature**

	Value	Unit	Test Standard
Zone1 temperature	200 - 220	°C	-
Zone2 temperature	220 - 240	°C	-
Zone3 temperature	240 - 260	°C	-
Melt temperature	240 - 260	°C	-
Mold temperature	50 - 80	°C	-

**Other text information****Longer pre-drying times/storage**

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

**Characteristics**

Product Categories	Additives
Glass reinforced	Metal deactivator

**Processing**

Injection molding