

Polifor® L6 GF/30 H-D-R NATURALE

Polypropylene Homopolymer

SO.F.TER. SPA

Message:

Polypropylene homopolymer reinforced with 30% chemically coupled glass fiber. Heat,detergent and metal stabilized grade

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
	Metal Deactivator		
Features	Chemically Coupled		
	Heat Stabilized		
	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
UL File Number	E187982		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Molding Shrinkage	0.30	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	90.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	135	°C	ASTM D1525 ¹
Ball Pressure Test (125°C)	Pass		IEC 335
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	

Rear Temperature	190	°C
Middle Temperature	210	°C
Front Temperature	230	°C
Mold Temperature	50.0 to 70.0	°C

NOTE

1. Rate A (50°C/h), Loading 2 (50 N)

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