

HAIPLEN EP30 G7 BA

Polypropylene Copolymer

Taro Plast S.p.A.

Message:

Polypropylene copolymer 35% glass fibres reinforced chemically coupled, meidum flow.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 35% filler by weight		
Features	Copolymer		
	Chemical coupling		
	Medium liquidity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage			Internal method
Vertical flow direction: 23°C, 3.20mm	0.50 - 0.90	%	Internal method
Flow direction: 23°C, 3.20mm	0.20 - 0.40	%	Internal method
Water Absorption (23°C, 24 hr)	0.020	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	80.0	MPa	ISO 527-2/50
Tensile Strain (Break)	4.7	%	ISO 527-2/50
Flexural Modulus ¹	5600	MPa	ISO 178
Flexural Stress ²	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	150	°C	ISO 75-2/A
Vicat Softening Temperature	125	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.60 mm)	HB	UL 94	
Additional Information	Nominal Value	Unit	Test Method
Reinforcement Content ³ (600°C)	35	%	ISO 3451
Injection	Nominal Value	Unit	Injection instructions
Processing (Melt) Temp	210 - 250	°C	
Mold Temperature	40.0 - 60.0	°C	
Injection Rate	Moderate		

Pre-heat Temperature: 70 to 80°CPre-heat Time: 1 hr

NOTE

1.	1.0 mm/min
2.	1.0 mm/min
3.	1 hr

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Recommended distributors for this material

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