

HAIPLEN EP30 G4 BA

Polypropylene Copolymer

Taro Plast S.p.A.

Message:

HAIPLEN EP30 G4 BA is a Polypropylene Copolymer (PP Copolymer) product. It can be processed by injection molding and is available in Europe. Characteristics include:
Flame Rated
Chemically Coupled
Copolymer

General Information			
Features	Chemically Coupled		
	Copolymer		
	Medium Flow		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	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
Across Flow	0.55 to 0.75	%	
Flow	0.40 to 0.55	%	
Water Absorption (23°C, 24 hr)	0.10	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	60.0	MPa	ISO 527-2/50
Tensile Strain (Break)	5.0	%	ISO 527-2/50
Flexural Modulus ¹	3800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	120	°C	ISO 75-2/A
Vicat Softening Temperature			
--	150	°C	ISO 306/A50
--	90.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Oxygen Index	20	%	ASTM D2863
Injection	Nominal Value	Unit	
Drying Temperature - Pre-heater	70.0 to 80.0	°C	

Drying Time - Pre-heater	1.0	hr
Processing (Melt) Temp	220 to 250	°C
Mold Temperature	50.0 to 70.0	°C
Injection Rate	Moderate	

NOTE

1.	1.0 mm/min
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Recommended distributors for this material


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