

HAIPLEN EP100 K10 BA

Polypropylene Copolymer

Taro Plast S.p.A.

Message:

HAIPLEN EP100 K10 BA is a polypropylene copolymer (PP Copoly) product containing 50% glass beads. It can be processed by injection molding and is available in Europe.

Features include:

- flame retardant/rated flame
- high liquidity
- Copolymer
- Chemical coupling
- Good dimensional stability

General Information			
Filler / Reinforcement	Glass beads, 50% filler by weight		
Additive	heat stabilizer		
	UV stabilizer		
Features	Good dimensional stability		
	Copolymer		
	Chemical coupling		
	High liquidity		
	Thermal Stability		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			ASTM D955
Flow	0.80 - 1.1	%	ASTM D955
Transverse flow	1.0 - 1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	6.0	%	ASTM D638, ISO 527-2
Flexural Modulus	3200	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	60	J/m	ASTM D256
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Ignition Temperature (2.00 mm)	650	°C	IEC 60695-2-13
Additional Information			
Notched Izod Impact Strength , ISO 180, 23°C: 60 J/m			

Injection	Nominal Value	Unit
Drying Temperature	70.0 - 80.0	°C
Drying Time	3.0	hr
Processing (Melt) Temp	200 - 220	°C
Mold Temperature	40.0 - 60.0	°C
Injection Rate	Fast	

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