

HAIPLEN H30 G6 BA

Polypropylene Homopolymer

Taro Plast S.p.A.

Message:

Polypropylene homopolymer glass fiber reinforced 30% chemical coupled, good mechanical properties.
Available: all colors, UV stabilized (L), heat stabilized (H), release agent (W), laser printable (LP), detergent stabilized (D).

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
	Mold Release		
	UV Stabilizer		
Features	Chemically Coupled		
	Detergent Resistant		
	Good Mold Release		
	Good UV Resistance		
	Heat Stabilized		
	Homopolymer		
	Laser Markable		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			ASTM D955
Flow	0.20 to 0.40	%	
Across Flow	0.70 to 0.90	%	
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5900	MPa	ASTM D638, ISO 527-2
Tensile Strength			ASTM D638, ISO 527-2
Yield	80.0	MPa	
Break	92.0	MPa	
Tensile Elongation (Break)	4.0	%	ASTM D638, ISO 527-2
Flexural Modulus	5800	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	70	kJ/m ²	ASTM D256, ISO 179

Notched Izod Impact	130	J/m	ISO 180, ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	155	°C	ASTM D1525, ISO 306/A 2 ¹
--	130	°C	ASTM D1525, ISO 306/B 3 ²
Ball Pressure Test (125°C)	Pass		VDE 0470
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	25	kV/mm	ASTM D149
Comparative Tracking Index (Solution A)	> 600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Burning Rate (2.00 mm)	< 100	mm/min	FMVSS 302
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Ignition Temperature (2.00 mm)	550	°C	IEC 60695-2-13
Oxygen Index	20	%	ASTM D2863
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 80.0	°C	
Drying Time	1.0	hr	
Processing (Melt) Temp	220 to 250	°C	
Mold Temperature	50.0 to 70.0	°C	
Injection Rate	Moderate		
NOTE			
1.	Loading 1 (10 N)		
2.	Loading 2 (50 N)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT