

HAIPLEN H90 T4

Polypropylene Homopolymer

Taro Plast S.p.A.

Message:

HAIPLEN H90 T4 is a polypropylene homopolymer (PP Homopoly) product, which contains 20% talc filler. It can be processed by injection molding and is available in Europe.

- Features include:
- flame retardant/rated flame
 - low viscosity
 - Homopolymer
 - Antistatic
 - heat stabilizer

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Additive	Antistatic property		
	heat stabilizer		
	UV stabilizer		
Features	Low viscosity		
	Homopolymer		
	Antistatic property		
	Thermal Stability		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			ASTM D955
Flow	1.1	%	ASTM D955
Transverse flow	1.1	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	40	%	ASTM D638, ISO 527-2
Flexural Stress			
--	50.0	MPa	ISO 178
Fracture	50.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	30	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.0	°C	ASTM D648, ISO 75-2/A
Vicat Softening Temperature			
--	155	°C	ASTM D1525, ISO 306/A50 1 ¹
--	85.0	°C	ASTM D1525, ISO 306/B50 2 ²
CLTE - Flow	6.0E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Additional Information			
Notched Izod Impact Strength , ISO 180, 23°C: 30 J/m			
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 80.0	°C	
Drying Time	1.0	hr	
Processing (Melt) Temp	190 - 220	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Fast		
NOTE			
1.	速率 A (50°C/h), 压力1 (10N)		
2.	速率 A (50°C/h), 载荷2 (50N)		

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