

# Kingfa PP-530

Polypropylene

Kingfa

## Message:

Kingfa PP-530 is a polypropylene material, which contains 30% talc filler. This product is available in North America or Asia Pacific.

The main features of Kingfa PP-530 are:

flame retardant/rated flame

High stiffness

Impact resistance

Typical application areas include:

electrical appliances

home apps

Automotive Industry

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Features	Rigidity, high		
	Impact resistance, high		
Uses	Home appliance components		
	Household goods		
	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.90 - 1.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	81		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (23°C, Injection Molded)	27.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break, 23°C, Injection Molded)	50	%	ASTM D638
Flexural Modulus <sup>3</sup> (23°C, Injection Molded)	4410	MPa	ASTM D790
Flexural Strength <sup>4</sup> (23°C, Injection Molded)	35.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	95	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.40 mm, Injection Molded)	132	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (3.20 mm)	HB	UL 94	
Additional Information			
Filler Content, ISO3451/1, Method A: 30%			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	2.0 mm/min		
4.	2.0 mm/min		

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

