

Kingfa PP-200

Polypropylene

Kingfa

Message:

Kingfa PP-200 is a polypropylene material, which contains 25% talc filler. This product is available in North America or Asia Pacific.

The main features of Kingfa PP-200 are:

flame retardant/rated flame

High stiffness

high liquidity

Typical application areas include:

electrical appliances

home apps

Automotive Industry

General Information			
Filler / Reinforcement	Talc filler, 25% filler by weight		
Features	Rigidity, high		
	High liquidity		
Uses	Home appliance components		
	Household goods		
	Application in Automobile Field		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	1.1 - 1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C, Injection Molded)	30.0	MPa	ASTM D638
Tensile Elongation ² (Break, 23°C, Injection Molded)	35	%	ASTM D638
Flexural Modulus ³ (23°C, Injection Molded)	1530	MPa	ASTM D790
Flexural Strength ⁴ (23°C, Injection Molded)	38.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	38	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.40 mm, Injection Molded)		
	125	°C
		ASTM D648
Flammability	Nominal Value	Test Method
Flame Rating (3.20 mm)	HB	UL 94
Additional Information		
Filler Content, ISO3451/1, Method A: 25%		
NOTE		
1.	50 mm/min	
2.	50 mm/min	
3.	2.0 mm/min	
4.	2.0 mm/min	

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