

Kingfa AP-202

Polypropylene

Kingfa

Message:

Kingfa AP-202 is a polypropylene material, which contains a 20% filler. This product is available in North America or Asia Pacific.
The main features of Kingfa AP-202 are:
flame retardant/rated flame
good weather resistance
the typical application field of Kingfa AP-202 is: outdoor application

General Information			
Filler / Reinforcement	Filler, 20% filler by weight		
Features	Good weather resistance		
Uses	Outdoor application		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	1.1 - 1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	87		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C, Injection Molded)	29.0	MPa	ASTM D638
Tensile Elongation ² (Break, 23°C, Injection Molded)	82	%	ASTM D638
Flexural Modulus ³ (23°C, Injection Molded)	1800	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)	58	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.40 mm, Injection Molded)	124	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	HB		UL 94
Additional Information			
Filler Content, ISO3451/1, Method A: 20%			
NOTE			
1.	50 mm/min		
2.	50 mm/min		

3.	2.0 mm/min
4.	2.0 mm/min

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Recommended distributors for this material

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