

Kingfa APO-2004

Polypropylene

Kingfa

Message:

Kingfa APO-2004 is a polypropylene material. This product is available in the Asia-Pacific region.
The typical application field of Kingfa APO-2004 is: automobile industry

General Information			
Uses	Application in Automobile Field		
Physical	Nominal Value	Unit	Test Method
Density	1.02 - 1.08	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0 - 8.0	g/10 min	ISO 1133
Molding Shrinkage (23°C)	1.0 - 1.3	%	Internal method
Ash Content ¹ (800°C)	20	%	ISO 3451-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	29.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	10	%	ISO 527-2/50
Flexural Modulus ²	2200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, unannealed, 4.00mm span	118	°C	ISO 75-2/B
1.8 MPa, unannealed, 4.00mm span	66.0	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Burning Rate (3.00 mm)	65	mm/min	ISO 3795
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	180 - 210	°C	
Middle Temperature	190 - 230	°C	
Front Temperature	200 - 240	°C	
Processing (Melt) Temp	190 - 245	°C	
Mold Temperature	20.0 - 50.0	°C	
Injection Rate	Slow-Moderate		
Back Pressure	10.0	MPa	
Injection instructions			
Processing Temp. Limit: 260°C			
NOTE			
1.	30 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

