Kingfa ABP-2119

Polypropylene

Kingfa

Message:

Kingfa ABP-2119 is a Polypropylene material. It is available in Asia Pacific or North America.

Important attributes of Kingfa ABP-2119 are:

Flame Rated

Good Adhesion

Typical application of Kingfa ABP-2119: Automotive

General Information			
Features	Good Adhesion		
	Paintable		
Uses	Automotive Bumper		
	Automotive Exterior Trim		
Forms	Pellets		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	1.4 to 1.6	%	ASTM D955

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	65		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength [1] (23°C, Injection Molded)	18.0	MPa	ASTM D638
Tensile Elongation [2] (Break, 23°C, Injection Molded)	400	%	ASTM D638
Flexural Modulus [3] (23°C, Injection Molded)	800	MPa	ASTM D790
Flexural Strength [4] (23°C, Injection Molded)	23.0	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 3.20 mm, Injection Molded	60	J/m	
23°C, 3.20 mm, Injection Molded	550	J/m	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 6.40 mm, Injection Molded	105	°C	
1.8 MPa, Unannealed, 6.40 mm, Injection Molded	52.0	°C	

Flammability	Nominal Value	Test Method
Flame Rating (3.20 mm)	HB	UL 94
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

WECHAT