

POLIMAXX GA400

Acrylonitrile Butadiene Styrene
IRPC Public Company Limited

Message:

GA400 is a high flow grade of ABS resin for injection molding process with super high flow and high gloss. It is suitable for air conditioner, washing machine parts and etc.

General Information			
UL YellowCard	E132283-222059		
Features	High Flow		
	High Gloss		
Uses	Appliance Components		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	45	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C, 6.35 mm)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	41.2	MPa	ASTM D638
Flexural Modulus (23°C)	2210	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	60.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 6.35 mm	94.0	°C	
1.8 MPa, Unannealed, 6.35 mm	86.0	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 85.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	180 to 240	°C	

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.

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

