

Kingplate™ HAC8244

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

PC/ABSHAC8244 is a plating grade PC/ABS resin.PC/ABSHAC8244 has been widely used in automotive interior and exterior parts, such as handle, condenser and so on.

General Information			
Features	Platable		
Uses	Automotive Applications		
	Automotive Exterior Parts		
	Automotive Interior Parts		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.09	g/cm ³	ISO 1183
Molding Shrinkage (23°C)	0.50 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	44.0	MPa	ISO 527-2/50
Flexural Modulus ¹	1900	MPa	ISO 178
Flexural Stress ²	52.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ³			ISO 179
-30°C	35	kJ/m ²	
23°C	52	kJ/m ²	
Charpy Unnotched Impact Strength ⁴ (23°C)	No Break		ISO 179
Notched Izod Impact Strength ⁵ (23°C)	50	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁶ (1.8 MPa, Unannealed)	95.0	°C	ISO 75-2/A
Vicat Softening Temperature	108	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+15	ohms · cm	IEC 60093
Injection	Nominal Value	Unit	
Drying Temperature	95.0 to 105	°C	

Drying Time	4.0 to 6.0	hr
Suggested Max Moisture	0.020	%
Rear Temperature	220 to 230	°C
Middle Temperature	230 to 240	°C
Front Temperature	240 to 255	°C
Nozzle Temperature	240 to 250	°C
Processing (Melt) Temp	245 to 255	°C
Mold Temperature	60.0 to 90.0	°C
Back Pressure	0.300 to 1.00	MPa
Screw Speed	30 to 70	rpm

NOTE

1. 2.0 mm/min
2. 2.0 mm/min
3. Condition: 4 J
4. Condition: 4 J
5. Condition: 5.5 J
6. 120°C/h

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