

KumhoSunny PC/ABS HAC6030FG

Polycarbonate + ABS

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

HAC6030FG is 30%GF reinforced flame retardant PC/ABS resin. HAC6030FG has high flame retardant properties and shrinking resistance properties. HAC6030FG is mainly used in parts requiring high heat resistance, high stable measurement and flame retardant, etc.

General Information			
Filler / Reinforcement	Glass Fiber, 30% Filler by Weight		
Features	Flame Retardant		
	High Heat Resistance		
UL File Number	E254819		
	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	100	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7200	MPa	ASTM D790
Flexural Strength	150	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	130	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+15	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	UL 94		
1.60 mm	V-0		
2.00 mm	5VB		
Additional Information	Nominal Value		
CSA File No.	LS 66457		

Injection	Nominal Value	Unit
Drying Temperature	90.0 to 100	°C
Drying Time	4.0 to 6.0	hr
Suggested Max Moisture	0.020	%
Rear Temperature	220 to 240	°C
Middle Temperature	240 to 260	°C
Front Temperature	270 to 280	°C
Nozzle Temperature	260 to 270	°C
Processing (Melt) Temp	230 to 280	°C
Mold Temperature	50.0 to 80.0	°C
Back Pressure	0.300 to 1.00	MPa
Screw Speed	30 to 70	rpm

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

