

KumhoSunny PC/PET KCA9361

Polycarbonate + PET

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

KCA9361 is PC/PET resin. KCA9361 has flame retardant to a degree, ability to resist 850°C, high heat resistance, high tenacity and high chem-resistance.KCA9361 is mainly used in switch panel, control temp. panel, electron & electric parts etc.

General Information			
UL YellowCard	E254819-625401		
Features	Flame Retardant		
	Good Chemical Resistance		
	High Heat Resistance		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
UL File Number	E254819		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.0	MPa	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	700	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	128	°C	ASTM D1525 ¹
Ball Pressure Test (125°C)	Pass		IEC 60695-10-2
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-2		
3.20 mm	V-0		
Glow Wire Flammability Index	850	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	

Drying Temperature	100 to 110	°C
Drying Time	4.0 to 6.0	hr
Processing (Melt) Temp	230 to 260	°C
Mold Temperature	50.0 to 90.0	°C

NOTE

1.
- Rate B (120°C/h)

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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



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