

KumhoSunny PC/PET KCA9362

Polycarbonate + PET

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

KCA9362 is PC/PET resin. KCA9362 has high flame retardant,ability to resist 750°C, high heat resistance, high tenacity and high chem-resistance. KCA9362 is mainly used in switch panel, control temp. panel, electron & electric parts etc.

General Information			
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	60.0	MPa	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	72.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	750	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-0		
3.20 mm	V-0		
Glow Wire Flammability Index	790	°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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