

KumhoSunny PC 2500FR

Polycarbonate

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

PC2500FR is high flow, high heat resistance and 1.5mm V-1 flame retardant PC resin. It has high heat resistance and excellent UV stability. PC2500FR is mainly used in monitor housings, LCD, household electric product, etc.

General Information			
Features	Flame Retardant		
	Good UV Resistance		
	High Flow		
	High Heat Resistance		
Uses	Electrical/Electronic Applications		
	Household Goods		
	Housings		
	LCD 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
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	63.0	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	600	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	135	°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 (1.60 mm)	V-1		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	

Drying Time	3.0 to 4.0	hr
Processing (Melt) Temp	240 to 280	°C
Mold Temperature	60.0 to 100	°C

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Recommended distributors for this material

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