

KumhoSunny PPO HSP8620T

Polyphenylene Ether + PS

Shanghai KumhoSunny Plastics Co., Ltd.

Message:

HSP8620T is 20%Mineral reinforced PS/PPE resin. HSP8620T is mainly used in electron & electric parts, OA appliance, fluid engineering,etc.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Uses	Appliances		
	Electrical Parts		
	Electrical/Electronic Applications		
UL File Number	E65424		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.0	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Flexural Strength	95.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	121	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+14	ohms	IEC 60093
Volume Resistivity	> 1.0E+14	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Additional Information	Nominal Value		
CSA File No.	LS 66457		
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 110	°C	
Drying Time	3.0 to 6.0	hr	
Processing (Melt) Temp	250 to 290	°C	
Mold Temperature	50.0 to 80.0	°C	

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Recommended distributors for this material

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