

Kangxi® 6515HP-NHV0

Polyphenylene Ether + PS

Wuxi Kangxi Plastics Technology Co.,Ltd.

Message:

Kangxi®6515HP-NHV0 is a polyphenylene ether PS (PPE PS) product. It can be processed by injection molding and is available in the Asia-Pacific region.

Kangxi®Application areas of 6515HP-NHV0 include electrical/electronic applications and housing.

Features include:

flame retardant/rated flame

ROHS certification

Flame Retardant

high gloss

Impact resistance

General Information			
Features	Highlight		
	Impact resistance, good		
	Halogen-free		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Shell		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.10	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.40	%	ASTM D955
Transverse flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	57.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	40	%	ASTM D638
Flexural Modulus ⁴	2000	MPa	ASTM D790
Flexural Strength ⁵	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	350	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	110	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94

1.6 mm	V-0	UL 94	
3.2 mm	V-0	UL 94	
Additional Information	Nominal Value	Unit	Test Method
Weather Resistance - 24 hr (23°C)	0.10	%	ASTM D570
Injection	Nominal Value	Unit	
Drying Temperature	90 - 100	°C	
Drying Time	2.0	hr	
Rear Temperature	250 - 300	°C	
Middle Temperature	250 - 300	°C	
Front Temperature	250 - 300	°C	
Processing (Melt) Temp	240 - 270	°C	
Mold Temperature	50 - 60	°C	
NOTE			
1.	23°C		
2.	50 mm/min		
3.	50 mm/min		
4.	2.0 mm/min		
5.	2.0 mm/min		

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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

