

Liaoning Jiashun Chemical Science and Technology Co., Ltd

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JS-HPPS

Hot plate MGO powder

Moisture proof electrical grade MGO powder (heavy silicone treatment)

Features and applications:

JS-HPPS is moisture proof electrical grade MGO powder. It is used for manufacturing hot plate. JS-HPPS has great moisture proof performance. After forming, we suggest drying process at 200-400C for 2-4 hours.

Main chemical composition:

Grade	Main chemical composition %				
	MgO	CaO	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂
JS-HPPS	90±5	≤3.0	≤2.0	≤0.7	≤8

Mesh Analysis:

Mesh	+40	+60	+80	+140	+200	+325	-325
Particle size (μm)	+425	+250	+180	+106	+75	+45	-45
Content (%)	≤0.5	10±6	10±6	15±6	20±6	20±5	20±5

Remark: Contents of +425 μm and -45 μm are controlled tightly. In order to acquire needed tap density and flow rate, other contents will be adjusted. (Custom-made for special specifications).

Tap density: T.D. (g/cm³) : ≥2.30 g/cm³

Package: 25KG/Cartron, 1MT/pallet; Ton bag; Plastic bucket

Safety and storage:

Electrical grade MGO powder is non-toxic, but with tiny amount of dust. We suggest to use mask and gloves in application. MGO powder should be stored in dry places. Storage time suggested is less than 12 months after delivery.

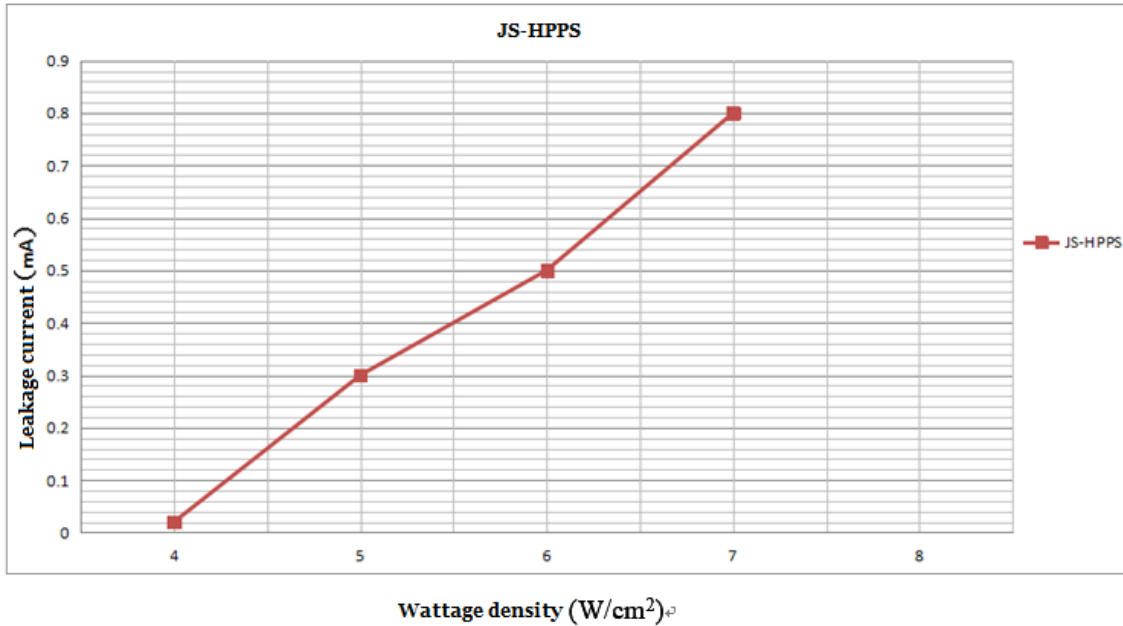
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Leakage Current VS Surface Wattage Density



Grade	Main Electrical Specifications								
	Cold		Leakage current when heating(mA)					Humidity state	
	Insulation MΩ	Hipot V/1mA	4W/cm ²	5W/cm ²	6W/cm ²	7W/cm ²	8W/cm ²	Insulation MΩ	Hipot V/1mA
JS-HPPS	1X10 ⁶	≥2500	0.04	0.3	0.5	0.8	—	1X10 ⁶	≥2500