

P15/16

电工级氧化镁粉

MGO POWDER FOR HEATING ELEMENTS



高温粉 TEG-2A

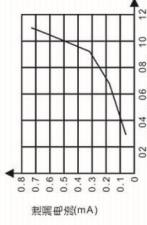
化学成分 (%)

名称	MgO	CaO	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃
标准值	≥95	≤2.0	≤0.6	≤0.5	≤0.5

物理指标

流量 (F.R)		密度 (ASTM标准)				
120±10 S/100g		2.30--2.40 g/cm ³				
粒度分布 (%)						
目数	+40	+60	+80	+140	+200	+325
筛孔尺寸 (mm)	0.425	0.25	0.18	0.106	0.075	0.045
标准值	0	25±5	30±5	20±5	10±5	7±2

电性能



检测样品:
材料:SUS304
规格:Φ8.0mm×6.6mm
长度:780mm
电热丝: Ni80Cr20 Φ0.3mm
加热时间:15分钟

包装

25KG低箱或编织袋包装, 也可根据客户要求包装。

使用及存放说明

- ① TEG-2A是一致原料经过二次高温焙烧处理的高温粉, 具有耐高温, 耐干燥, 低吸水性特性。
- ② 该粉体在不添加硅油或添加很少量硅油。
- ③ 电工级氧化镁粉是充氧完善的, 但通常含有一定灰尘, 建议在使用的時候, 操作人员佩戴口罩和手套。
- ④ 主要用于≤9W/cm² 在空气中干燥15--30分钟, 而自出炉后需要封口。
- ⑤ 加热元件需要1050°C±50°C过炉15--30分钟, 建议在交货后6个月内使用。

High Temperature MgO TEG-2A

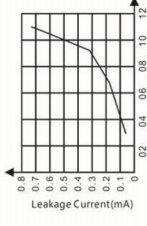
Chemical Analysis (%)

Name value	MgO	CaO	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃
	≥95	≤2.0	≤0.6	≤0.5	≤0.5

Physical Analysis

Flow Rate (F.R)		Tap Density				
120±10 S/100g		2.30--2.40 g/cm ³				
Sieve Analysis (%)						
Sieve size(mesh)	+40	+60	+80	+140	+200	+325
Sieve size(mm)	0.425	0.25	0.18	0.106	0.075	0.045
value	0	25±5	30±5	20±5	10±5	7±2

Electrical Property



Sample Electrical heating elements
Materials: SUS 304 tube
Rolling: Φ8.0mm×6.6mm
Length: 780mm
Spiral: Ni80Cr20 Φ0.3mm
Heating time: 15min

Packing

25KG in a plastic bag with a carton or a woven bag. Special packing is available on requirement.

Remarks

- ① TEG-2A is a kind of high temperature powder MgO materials be treated 1200°C by the high furnace.
- ② This kind of powder is treated without silicone oil or treated with pretty light silicone oil.
- ③ Electric Grade Magnesium Oxide is non-toxic, but with some dust. Anti-dust respirator and gloves are proposed to use during operation.
- ④ Mainly used in air heating elements with wattage loading less than 9W/cm².
- ⑤ The elements can stand 1050°C±50°C annealing for 15-30minutes and requires sealing.
- ⑥ Electrical Grade Magnesium Oxide should be stored in dry places, and are suggested to be used out within 6 months after delivery.

记录: