



**高温粉 TEG-1A**

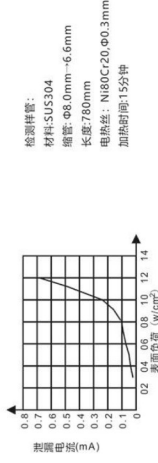
• **化学成分 (%)**

名称	MgO	CaO	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>
标准值	≥96.5	≤1.0	≤0.45	≤2.0	≤0.5

• **物理指标**

流速 (F-R)	密度 (ASTM标准)					
120±10 S/100g	2.30~2.40 g/cm <sup>3</sup>					
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	≤5	30±5	20±5	20±5	10±5	≤7

• **电性能**



• **包装**

25KG纸箱或编织袋包装,也可根据客户要求包装。

• **使用及存放说明**

- ① TEG-1A是一款原料经过二次高温过炉处理的高温粉,具有耐高温,耐干燥,低吸水率特性。
- ② 该镁粉中不添加硅油或添加少量硅油。
- ③ 电工级氧化镁粉是无毒无害的,但总会有一定灰尘,建议在使用的时候,操作人员戴口罩和手套。
- ④ 主要用于≤10w/cm<sup>2</sup>在空气中干加热元件。
- ⑤ 加热元件需要1050℃-150℃过炉15分钟-30分钟,而且过炉后需要封口。
- ⑥ 电工级氧化镁球放置在干燥阳光不能直射的位置,建议在交货后6个月内使用。

**High Temperature MgO TEG-1A**

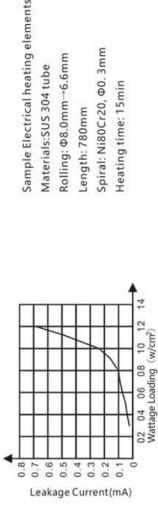
• **Chemical Analysis (%)**

Name	MgO	CaO	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>
value	≥96.5	≤1.0	≤0.45	≤2.0	≤0.5

• **Physical Analysis**

Flow Rate (F-R)	Tap Density					
120±10 S/100g	2.30~2.40 g/cm <sup>3</sup>					
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	≤5	30±5	20±5	20±5	10±5	≤7

• **Electrical Property**



• **Packing**

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

• **Remarks**

- ① TEG-1A 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 Electrical 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 10w/cm<sup>2</sup>.
- ⑤ The elements can stand 1050°C-150°C annealing for 15-30 minutes 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.

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