



中温粉

TEZ - 2

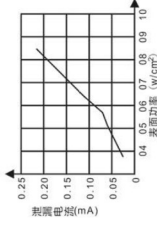
• **化学成分 (%)**

| 名称 | MgO | CaO | Fe ₂ O ₃ | SiO ₂ | Al ₂ O ₃ |
|-----|-----|------|--------------------------------|------------------|--------------------------------|
| 标准值 | ≥95 | ≤2.0 | ≤0.6 | ≤2.5 | ≤0.5 |

• **物理指标**

| 流率 (F.R) | | 密度 (ASTM标准) | | | | |
|---------------|-------|-----------------------------|------|-------|-------|-------|
| 160±20 S/100g | | 2.27~2.34 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 | ≤0.5 | 25±5 | 25±5 | 25±5 | 15±5 | 10±5 |
| | | | | | | ≤6 |

• **电性能**



检测样品：
材料-SUS304
管径：φ8.0mm-6.6mm
长度：420mm
电热丝：Ni80Cr20, φ0.3mm
加热时间：15分钟

• **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 TEZ-2是一种中温粉。
- ② 经过硅油处理，具有防潮性能。
- ③ 电工级氧化镁粉是无毒无味的，但是会有一定粉尘，建议在使用的时候，操作人员佩戴口罩和手套。
- ④ 主要用于管型或不锈钢管 ≤8W/cm² 液体加热元件或低电压干烧管。
- ⑤ 加热元件可以用于+20℃以上处理15分钟，不需要封口。
- ⑥ 电工级氧化镁应存放在干燥、阳光不能直射的位置，建议在交货后6个月内使用。

TOPE INTL. CO., LIMITED

Medium Temperature MgO

TEZ - 2

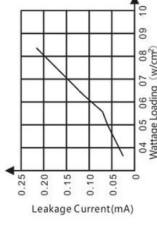
• **Chemical Analysis (%)**

| Name | MgO | CaO | Fe ₂ O ₃ | SiO ₂ | Al ₂ O ₃ |
|-------|-----|------|--------------------------------|------------------|--------------------------------|
| value | ≥95 | ≤2.0 | ≤0.6 | ≤2.5 | ≤0.5 |

• **Physical Analysis**

| Flow Rate (F.R) | | Tap Density | | | | |
|--------------------|-------|----------------------------|------|-------|-------|-------|
| 160±20 S/100g | | 2.27~2.34g/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 | ≤0.5 | 25±5 | 25±5 | 25±5 | 15±5 | 10±5 |
| | | | | | | ≤6 |

• **Electrical Property**



Sample Electrical heating elements
Materials: SUS 304 tube
Rolling: φ8.0mm-6.6mm
Length: 420mm
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 TEZ-2 is medium temperature powder.
- ② This kind of powder is treated with heavy 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 the elements of copper tube with wattage loading less than 8W/cm².
- ⑤ Elements stuffed with this material are proposed to be annealed at+20 °C for 15minutes, and don't require 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: