



中高温粉 TEZ - TM1

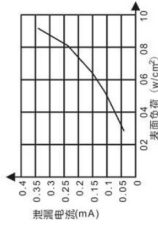
• **化学成分 (%)**

名称 标准值	MgO	CaO	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃
	≥95	≤1.5	≤0.6	≤0.5	≤0.5

• **物理指标**

流率 (F.R)		密度 (ASTM标准)				
160±20 S/100g		2.28--2.35 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	30±5	20±5	20±5	10±5	6±2

• **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-TM1是一款中高温粉。
- ② 经过超细处理，具有防潮性能。
- ③ 电工级氧化镁粉粉末无毒无害的，但高会有一些粉尘，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；液体加热元件或低负荷干燥管。
- ⑤ 电热元件可用于420℃退火处理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 High Temperature MgO TEZ - TM1

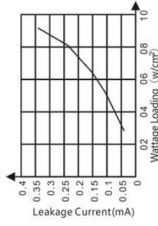
• **Chemical Analysis (%)**

Name value	MgO	CaO	Fe ₂ O ₃	SiO ₂	Al ₂ O ₃
	≥95	≤1.5	≤0.6	≤0.5	≤0.5

• **Physical Analysis**

Flow Rate (F.R)		Tap Density				
160±20 S/100g		2.28--2.35g/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	30±5	20±5	20±5	10±5	6±2

• **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-TM1 is medium-high 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 420°C for 15 minutes, 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: