



## MGO POWDER TEMPERATURE AND TESTING EQUIPMENT

### 1 : TEMPERATURE

HTM 900°C-1100°C HIGH TEMPERATURE POWDER

MTMS 650°C-700°C MIDDLE TEMPERATURE POWDER WITH SILICON

MTM 700°C-750°C MIDDLE TEMPERATURE POWDER WITHOUT SILICON

MLTMS 550°C-600°C MIDDLE-LOW TEMPERATURE POWDER WITH SILICON

MLTM 600°C-650°C MIDDLE-LOW TEMPERATURE POWDER WITHOUT SILICON

LTMS 350°C-450°C LOW TEMPERATURE POWDER WITH SILICON

LTM 450°C-500°C LOW TEMPERATURE POWDER WITHOUT SILICON

HPP 500°C-600°C HOTPLATE POWDER

### 2, TESTING WQUIPMENT

LEAKAGE CURRENT TESTING EQUIPMENT

WATTMETER

INSULATION RESISTANCE METER

HIGH VOLTAGE TESTING EQUIPMENT

MEGGER



Dashiqiao Jiashun Magnesium Products Co., Ltd.

Electrical Grade Magnesium Oxide Powder for Heating Elements

| 名称<br>NAME                        | 等级<br>GRADE | 主要化学成份<br>CHEMICAL COMPOSITION |      |                                |                  |                                | 主要物理指标<br>PHYSICAL PROPERTIES |                       |                                    |
|-----------------------------------|-------------|--------------------------------|------|--------------------------------|------------------|--------------------------------|-------------------------------|-----------------------|------------------------------------|
|                                   |             | MgO                            | CaO  | Fe <sub>2</sub> O <sub>3</sub> | SiO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | 目数                            | 流速<br>(F.R)<br>S/100g | 震动密度<br>(T.D)<br>g/cm <sup>3</sup> |
| 高温粉<br>High Temperature           | HTM         | ≥94                            | ≤1.5 | ≤0.5                           | ≤2.5             | ≤0.9                           | 40~325                        | 170±30                | 2.34±0.06                          |
| 中温粉<br>Medium Temperature         | MTM         | ≥94                            | ≤1.5 | ≤0.5                           | ≤2.5             | ≤0.9                           | 40~325                        | 185±35                | 2.35±0.05                          |
| 中低温粉<br>Medium-Low<br>Temperature | MLTM        | ≥94                            | ≤1.5 | ≤0.5                           | ≤2.5             | ≤0.9                           | 40~325                        | 200±40                | 2.34±0.06                          |
| 中低温粉<br>Medium-Low<br>Temperature | MLATM       | ≥94                            | ≤1.5 | ≤0.5                           | ≤2.5             | ≤0.9                           | 40~325                        | 200±40                | 2.43±0.07                          |
| 低温粉<br>Low Temperature            | LTM         | ≥93                            | ≤2.5 | ≤0.8                           | ≤2.5             | ≤0.9                           | 40~325                        | 200±40                | 2.31±0.05                          |
| 铁盘粉<br>Hot plate powder           | HPP         | 50-325                         | ≥80  | ≤2                             | ≤1               | ≤2                             | ≤20                           | -                     | -                                  |

| 名称<br>NAME                        | 等级<br>GRADE | 常态电性能<br>NORMAL<br>CONDITION |         | 热态电性能<br>HEATING CONDITION |            |         | 潮态电性能<br>HUMID CONDITION |         |
|-----------------------------------|-------------|------------------------------|---------|----------------------------|------------|---------|--------------------------|---------|
|                                   |             | 绝缘电阻<br>MΩ                   | 耐压<br>V | 表面负荷<br>w/cm <sup>2</sup>  | 泄漏电流<br>mA | 耐压<br>V | 绝缘电阻<br>MΩ               | 耐压<br>V |
| 高温粉<br>High temperature           | HTM         | >1000                        | 2000    | 10                         | ≤0.4       | 1600    | -                        | -       |
| 中温粉<br>Medium temperature         | MTM         | >1000                        | 2000    | 8                          | ≤0.4       | 1600    | 1000                     | 2000    |
| 中低温粉<br>Medium-Low<br>temperature | MLTM        | >1000                        | 2000    | 7                          | ≤0.3       | 1600    | 1000                     | 2000    |
| 中低温粉<br>Medium-Low<br>Temperature | MLATM       | >1000                        | 2000    | 7                          | ≤0.3       | 1500    | 1000                     | 2000    |
| 低温粉<br>Low temperature            | LTM         | >1000                        | 2000    | 6                          | ≤0.3       | 1500    | 1000                     | 2000    |
| 铁盘粉<br>Hot plate powder           | HPP         | >1000                        | 2000    | 6                          | ≤0.3       | 1500    | 1000                     | 2000    |