

COMPOL

Exotic
Material Polish



该照片是示意图。This photograph is an image.

COMPOL

COMPOL 是专为 LiTaO₃、LiNbO₃、蓝宝石等电子材料基盘、金属材料及陶瓷的抛光而开发的高纯度胶态二氧化硅浆料。颗粒的均匀性、分散性出色,能够高效地得到无损伤的研磨面。

COMPOL

COMPOL is a colloidal silica slurry developed especially for polishing metals, ceramics and electronic substrates such as LiTaO₃, LiNbO₃ and sapphire. With excellent particle uniformity and dispersal, it delivers high-removal rate, damage free polishing. Even when used at high dilutions, COMPOL delivers excellent processing efficiency and long slurry life.

COMPOL的代表物性 Typical Physical Properties of COMPOL

| 产品名 Type | 20 | 50 | 80 | 120 |
|--|------|------|-------------|------|
| 项目 Item | | | | |
| SiO ₂ 含量 Content of SiO ₂ (%) | 40 | 40 | 40 | 40 |
| PH | 9.2 | 10.2 | 10.2 | 9.2 |
| 比重 Specific gravity | 1.30 | 1.30 | 1.30 | 1.30 |
| 平均粒径 Average particle size (nm) | 15.0 | 40.0 | 72.0 | 82.5 |
| 标准净重 Standard Net weight | 20kg | 20kg | 20kg, 260kg | 20kg |

用途: 蓝宝石、CaF₂、BGO、LiTaO₃、LiNbO₃等氧化物晶体
applications:sapphire, CaF₂, BGO, LiTaO₃, LiNbO₃ and other oxide crystals

| 产品名 Type | EX-3 | 403 |
|--|-------|-------|
| 项目 Item | | |
| SiO ₂ 含量 Content of SiO ₂ (%) | 50 | 46 |
| PH | 9.5 | 9.3 |
| 比重 Specific gravity | 1.385 | 1.340 |
| 平均粒径 Average particle size (nm) | 32.5 | 39.0 |
| 标准净重 Standard Net weight | 20kg | 20kg |

用途: 蓝宝石、CaF₂、BGO、LiTaO₃、LiNbO₃等氧化物晶体
applications:sapphire, CaF₂, BGO, LiTaO₃, LiNbO₃ and other oxide crystals