

### Magnesium Oxide (MgO) Evaporation Pieces

|                                   |                          |                                                |                                                    |
|-----------------------------------|--------------------------|------------------------------------------------|----------------------------------------------------|
| <b>Material Type</b>              | Magnesium Oxide          | <b>Z Ratio</b>                                 | 0.411                                              |
| <b>Symbol</b>                     | MgO                      | <b>E-Beam</b>                                  | Good                                               |
| <b>Color/Appearance</b>           | White, Crystalline Solid | <b>Thermal Evaporation Techniques</b>          | <b>Crucible:</b> C, Al <sub>2</sub> O <sub>3</sub> |
| <b>Melting Point (°C)</b>         | 2,852                    | <b>E-Beam Crucible Liner Material</b>          | Fabmate®, Graphite                                 |
| <b>Theoretical Density (g/cc)</b> | 3.58                     | <b>Temp. (°C) for Given Vap. Press. (Torr)</b> | <b>10-4:</b> 1,300                                 |
| <b>Purity:</b>                    | 99.95% 99.99%            |                                                |                                                    |