

## Product Specifications

|                                  |      |                                                                        |
|----------------------------------|------|------------------------------------------------------------------------|
| <b>Product Name</b>              |      | <b>Samarium Oxide (Sm<sub>2</sub>O<sub>3</sub>) Sputtering Targets</b> |
| <b>Chemical formula</b>          |      | Sm <sub>2</sub> O <sub>3</sub>                                         |
| <b>CAS Number</b>                |      | 12060-58-1                                                             |
| <b>QSAM supplier item code</b>   |      | DPOX62ST                                                               |
| <b>Product type</b>              |      | Oxide ceramics                                                         |
| <b>Purity range</b>              |      | 99.9% ~ 99.99% (REO)                                                   |
| <b>Diameter</b>                  | Min. | 0.5"                                                                   |
|                                  | Max. | 18"                                                                    |
| <b>Relative density</b>          |      | 85%                                                                    |
| <b>Boiling point</b>             |      | N.A.                                                                   |
| <b>Melting point</b>             |      | 2325°C                                                                 |
| <b>Appearance</b>                |      | Grey solid, no order                                                   |
| <b>Backing plate and bonding</b> |      | Not recommended                                                        |
| <b>Typical lead time</b>         |      | 3 weeks                                                                |