



Advanced Engineering Materials

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Material Certification Sheet

| | |
|---------------|----------------|
| Product Name: | Pr6O11 Powder |
| Purity: | 99.99% |
| AEM Part No.: | AEMRP-Pr6O11 |
| Lot Number: | AEM-2023092605 |
| Size: | D50 5-10 um |

Chemical Composition: % by wt

| | | | |
|--------|--------------|-------|---------|
| Pr6O11 | 99.99 | Fe2O3 | <0.0005 |
| La2O3 | Total ≤ 0.01 | SiO2 | <0.005 |
| CeO2 | | CaO | <0.005 |
| Nd2O3 | | Al2O3 | <0.01 |
| Sm2O3 | | MgO | / |
| Eu2O3 | | PbO | / |
| Gd2O3 | | NaO | / |
| Tb4O7 | | NiO | / |
| Dy2O3 | | P | / |
| Ho2O3 | | S | / |
| Er2O3 | | Cl | <0.01 |
| Tm2O3 | | REO | >99 |
| Yb2O3 | | LOI | <1 |
| Lu2O3 | | | |
| Y2O3 | | | |

By: _____