# SPECIFICATION

## Neodymium Oxide

| Parameters | Specification |
|---|---|
| CAS Number | 1313-97-9 |
| Appearance | Pale yellow powder |
| Molecular Formula | Nd2O3 |
| Molecular Weight | 336.48 g/mol |
| Boiling Point | 3600 °C |
| Melting Point | 2130 °C |
| Purity | 99–99.9% |
| Refractive Index | 2.3 |
| Solubility | Insoluble in water; soluble in acids |
| Uses | Ceramics, glass coloring, catalysts, lasers; polishing powders |