



Maximize your productivity through  
**Skyspring nanomaterials**

Praseodymium oxide nanopowder/ nanoparticles (Pr<sub>6</sub>O<sub>11</sub>, 99.9%, <100nm)

Product #: 5910DX

Empirical Formula: Pr<sub>6</sub>O<sub>11</sub>

## Specifications

Purity: 99.9% (Pr<sub>6</sub>O<sub>11</sub>/REO); 99.0+% (TREO)

APS: < 100nm

SSA: ~30 m<sup>2</sup>/g

Bulk Density: < 0.20 g/cm<sup>3</sup>

True Density: 6.5 g/cm<sup>3</sup>

Typical Impurities (MAX%):

CeO <sub>2</sub>	≤0.01
La <sub>2</sub> O <sub>3</sub>	≤0.01
Nd <sub>2</sub> O <sub>3</sub>	≤0.01
Sm <sub>2</sub> O <sub>3</sub>	≤0.005
Y <sub>2</sub> O <sub>3</sub>	≤0.001
Fe <sub>2</sub> O <sub>3</sub>	≤0.01
SiO <sub>2</sub>	≤0.01
CaO	≤0.005