

## POTASSIUM OXIDE NANOPOWDER

### 1. Basic Information

Product Name	Potassium Oxide Nanopowder
Structural Formula	$K^+ O^{2-} K^+$
Molecular Formula	$K_2O$
Molecular Weight	94.20g/mol
CAS No.	12136-45-7
EINECS	235-227-6

### 2. Specifications

Characteristics	Specification
Purity	>99.9%
APS	<100nm
Appearance	Crystalline Solid
Density	2.32 g/cm <sup>3</sup> 20°C
Melting point	740°C
Specific Heat Capacity	83.62 J/mol·K
Solubility	Soluble in EtOH, ether

### 3. Additional Information

N/A
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