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## Typical Product Specifications & Properties

# Strontium oxide

CAS Number: : 1314-11-0

Specifications	Limits
Molecular weight	103.62
EINECS	215-219-9
SMILES	[Sr+2].[OH2-2]
InChI	1S/O.Sr
InChIKey	UFQXGXDIJMBKTC-UHFFFAOYSA-N
Flash Point	3000&deg;C
Density	4.7 g/mL at 25 &deg;C
Boiling Point	3000&deg;C
Sensitive	Moisture Sensitive
Merck	14,8846
Melting Point	2430&deg;C
Water solubility	Soluble in fused potassium hydroxide. Insoluble in ether and acetone. Decomposes in water to $\text{Sr}(\text{OH})_2$ with evolution of heat. Slightly soluble in alcohol. Insoluble in acetone and ether.



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Specifications	Limits
Solubility	Soluble in potassium hydroxide solution. Slightly soluble in alcohol. Insoluble in acetone and ether.



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