

Potassium Hexahydroxostannate

Product data

Chemical formula	$K_2[Sn(OH)_6]$
Molecular weight	298.9 g/mol
Density	3.2 g/cm ³ (20°C=293K)
Bulk density	Approx. 1.4 g/cm ³
Solubility	Soluble in most diluted Alkalihydroxide solutions
Delivery form	Crystalline
Color	White

Analysis

Tin content, %	≥38
Insoluble in water, %	≤0.25
Free alkali, %	≤1.5
As, %	≤0.01
Pb, %	≤0.026

Application

Electroplating industry:

-for metal surface treatment in stannate electrolytes

Automotive industry:

-for electroless tin plating of aluminium;
Especially for tinning of pistons

Storage

Potassium hexahydroxostannate, crystalline has a shelf life of min. 2 years if stored correctly in dry areas and in its original closed packaging.

Packaging

25kg/bag

Special advice for security

Information concerning:

- classification and labelling according to the regulations governing transport and hazardous chemicals
 - protective measures for storage and handling
 - safety measures in case of accident and fire
 - toxicity and ecological effects
- are given in our material safety data sheets.