

Certificate of Analysis-Potassium Aluminium Fluoride

General Information

Product : Potassium Cryolite, Potassium Aluminium Fluoride,
Potassium Fluoroaluminate
Country of Origin : China
Manufacturer of Material : Luoyang Zhongsen Refractory Co.,Limited
Picture of Product:



Physical Specifications & Package

Color : White, Grey
Sizes : 20mesh, 40mesh, 100mesh, 200mesh, 325mesh
Package : 40*25kg Woven Plastic Bag in a Big Bag

Potassium Cryolite, also named Potassium Fluoroaluminate, Potassium Aluminum Fluoride, is a synthetic white or grey chemical powder, slightly soluble in water easy deliquescence, high temperature and water reaction to emit hydrogen fluoride; also can slowly dissolve in acid release hydrogen fluoride.

Potassium Cryolite is the most important use of the electrolytic aluminum industry as a solvent and in the production of grinding wheel grinding wheel as additives to improve its durability and lifespan. dioxidizer and fluxing agent in aluminium alloy industries; active filler in ceramics, glass, casting and other industries; additive pesticide and pesticide industry, etc..



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Chemical Content of Potassium Cryolite(Potassium Aluminium Fluoride)

Item	Guaranteed Value	Typical Value
Fluoride(F)	49%-51%	49.31%
Aluminium(Al)	17%-18%	17.76%
Potassium(K)	28%-32%	31.35%
Ferro(Fe_2O_3)	$\leq 0.1\%$	0.004%
Moisture(H_2O)	$\leq 0.6\%$	0.29%
Melting Point	557 -580°C	570°C