

CHEMICAL COMPOSITION

ITEM	DESCRIPTION	TYPICAL
1	POTASSIUM CHLORIDE (KCl)	99,70%
2	LOSS OF DRYING CAPACITY (2h, 105 °C)	0,10%
3	SODIUM (Na)	800 mg/kg
4	MAGNESIUM (Mg)	100 mg/kg
5	CALCIUM (Ca)	50 mg/kg
6	SULPHATE (SO ₄)	600 mg/kg

PHYSICAL PROPERTIES

ITEM	DESCRIPTION	TYPICAL
1	FORMULATION	White crystals
2	BULK WEIGHT	Approx. 1,100 kg/mol ³
3	MOLECULAR WEIGHT	74,55 g/mol
4	DENSITY	1,989 g/cm
5	MELTING / SOLIDIFICATION POINT	770 °C
6	WATER SOLUBILITY	w (KCl)=25,5% a 20 °C



GRANULOMETRY

ITEM	DESCRIPTION	TYPICAL
1	< 0,8 mm	99,00%
2	d50	0,35 mm

PACKING SPECIFICATIONS

ITEM	DESCRIPTION	CAPACITY
1	PACKING	FFS-PE 25 kg bags Big - bags

USE:

For the production of potassium hydroxide, potassium hypochlorite, potassium bromide, potassium iodide, potassium cyanide and subsequent products, potassium dichromate, potassium chlorate, potassium perchlorate and potassium permanganate. It is also used in the enamel industry as a flotation agent, in the pigment industry, in the soap industry, in electroplating and in electrolysis of fusion of other metals, for the purification of tartar and tartaric acid. It is also used for the production of other potassium compounds, such as potassium carbonate and potassium bicarbonate.

