

PRODUCT SPECIFICATION
POTASSIUM CHLORIDE

Product Name : Potassium Chloride
 CAS No. : 7447-40-7
 Molecular Formula : KCl
 Molecular wt. : 74.55 g/mol

S.No	PARAMETER	UNIT	SPECIFICATION
1	Appearance	-	white crystals, occasionally slightly reddish
2	Potassium chloride (KCl)	%	99.0 min
3	Loss on Ignition	%	0.4 max
4	Loss on Drying (2 h, 105°C)	%	0.2 max
5	Na	%	0.3 max
6	Br	Mg/kg	1200 max
7	Mg	Mg/kg	120 max
8	Ca	Mg/kg	20 max
9	SO4	Mg/kg	100 max
10	H2O-Insolubles	Mg/kg	100 max
11	Heavy metals as Pb	Mg/kg	5 max

Physical Properties:

1	Bulk Density	kg/m ³	ca. 1,100
2	Bulk Density (packed)	kg/m ³	ca. 1,200
3	Angle of Repose	°	ca. 31
4	Density	g/cm ³	1.989
5	Melting / Solidification Point	°C	770
6	Solubility in water (at 20 °C)	%	25.5

For Bloomchemag BV

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