

YAB
LEADING & TRADING

KCL

The name of indicators	Standard requirement
Appearance	Small crystals of grayish-white color or small grains of various shades of red-brown
K content	Approx 50%
Mass fraction of potassium in terms of K_2O, %, not less than	60
Mass fraction of water, %, not more than	1.0
Water solubility (20 C)	344 g/L
Solution PH	Approx. 7
Granulometric composition (mass fraction of fractions), %: 6 mm From 1 to 4mm, not less Less than 1 mm , not more	 Not formed Also Also
Dynamic strength (mass fraction of intact granules), %, not less than	Not standardized
Friability, %	100

APPLICATIONS

It is used for agriculture and by retail trade as fertilizer and also in manufacture of chemical products

ORIGIN

Turkmenistan



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YAB
LEADING & TRADING

KCL
GRADE 1 , PINK

APPEARANCE

Small crystals of various shades of red-brown.

APPLICATIONS

Potassium chloride is used in agriculture as a mineral fertilizer. It is also intended for the production of leather substitutes, synthetic rubber, bakery and fodder yeast, as well as for the production of therapeutic and prophylactic salt.

The name of indicators	Standard requirement
Appearance	Small crystals of grayish-white color or small grains of various shades of red-brown
Mass fraction of potassium in terms of K_2O, %, not less than	60
Mass fraction of water, %, not more than	1.0
Granulometric composition (mass fraction of fractions), %	Not standardized
Dynamic strength (mass fraction of undestroyed granules), %, not less than	Not standardized
Friability, %	100

ORIGIN

Uzbekistan



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MOP

WHITE STANDARD FINE 62% K_2O GRADE A

Parameter	Value
Appearance	Crumbly crystalline product white in color
Potassium chloride (KCl), %, min - in terms of K2O, %, min - in terms of K, %	98.2 62 51.7*
Sodium chloride (NaCl), % - in terms of Na, %	1.3 0.5*
Magnesium (Mg), ppm Calcium (Ca), ppm Sulfate (SO_4) , ppm Bromide (Br) , ppm	40* 120* 300* 800*
Insolubles in water, %	0.04*
Moisture, %, max	0.5
Anticaking agent	Added

APPLICATIONS

Intended for use in industry as a raw material in the production of chemical products

ORIGIN

RUSSIA

Granulometry

Standard, mm	Cumulative wt%	Property	Value
+1 +0.63 +0.4 +0.2 +0.1 +0.063	0-1 0-2 3-16 35-70 84-99 96-99	Bulk density, kg/m3 Angle of repose	960-1110 27–32 degrees

Typical Size Guide Number (SGN) – 21.
* Typical value



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MOP
WHITE STANDARD
60% K_2O

APPLICATIONS

- Agricultural
- Retail
- Industrial

ORIGIN

RUSSIA

Parameter	Value
Appearance	Small crystals*
Potassium chloride (KCl), %, min - in terms of K20, %, min - in terms of K, %	95 60 51.2**
Sodium chloride (NaCl), % - in terms of Na, %	2.3** 0.9**
Magnesium (Mg), ppm Calcium (Ca), ppm	40** 150**
Insolubles in water, %	0.01**
Moisture, %, max	0.5
Anticaking agent	Added

Granulometry

Standard, mm	Cumulative wt%	Property	Value
+1.7	0.0–0.1		
+1	2–7		
+0.63	21–38	Bulk density, kg/m3	970–1025
+0.4	59–82	Angle of repose	27–31 degrees
+0.2	94–99		
+0.1	99–100		

Typical Size Guide Number (SGN) – 51.
* Available in shades of greyish-white
* * - Typical value



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