

Superior potassium
for better drilling

PETROKALI



Description

PetroKALI is high purity water soluble potassium chloride (KCl) is used in water-based drilling fluids as an effective clay and shale stabilizer. It is also used in workover and completion operations to inhibit the hydro sensitive clays found in reservoir rock and to increase fluid density.

Technical data

	Typical	Guarantee
Potassium chloride (KCl) content, %		98.2 min
Insolubles in water, %	0.03	
Moisture content, %		0.5 max
Granulometric composition, %: less than 2 mm	100	

Packaging



Bag
25, 50 kg



Big bag
1000 kg

Salt table

Wt, %	K ⁺ , g/l	Cl ⁻ , g/l	Crystallization point, °C	Density, kg/m ³
1	5.3	4.9	0	1006
2	10.6	9.8	-0.5	1012
3	16	14.8	-1	1020
4	21.5	19.8	-1.5	1024
5	27	24.9	-2	1030
6	32.6	30.1	-2.5	1035
7	38.2	35.3	-3	1041
8	43.9	40.6	-3.5	1047
9	49.8	46	-4	1055
10	55.7	51.4	-4.5	1062
12	67.7	62.5	-5.5	1075
14	80	73.9	-6.5	1090
16	92.7	85.6	-8	1105
18	105.6	97.5	-9.5	1119
20	119.2	110	-10.5	1136
22	132.4	122.2	1	1147
24	146.3	135.1	14	1162

Find more at www.petrokali.com

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Uralkali Trading SIA

7 Vesetas Street,
Riga, LV-1013, Latvia

Sales:
Tel. +371 67 152 055
E-mail: sales@uralkali-trading.com

Technical questions:
E-mail: marketing@uralkali.com