

FERTILIZER PRODUCTS

Source: Saskatchewan

Alternate Names: Potassium Chloride, KCl, Potash, MOP

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CHEMICAL COMPOSITION	UNIT	RANGE	TYPICAL	GUARANTEE
Potassium Oxide, as K ₂ O	%	62.0 - 62.6	62.4	62 min.
Moisture, as H ₂ O	%	0.05 - 0.20	0.15	
Potassium Chloride, as KCl	%		98.80	
Potassium, as K	%		51.80	
Magnesium, as Mg	%		0.002	
Calcium, as Ca	%		0.002	
Sodium Chloride, as NaCl	%		1.5	
Chloride, as Cl	%		47.57	
Sulfate, as SO ₄	%		0.002	
Sodium, as Na	%		0.54	
Insolubles in water	%		0.04	

PARTICLE SIZE, PERCENT CUMULATIVE				
TYLER MESH	OPENING	UNIT	RANGE	TYPICAL
+5	4.00 mm	%	0 - 5	3
+6	3.35 mm	%	20 - 40	28
+7	2.80 mm	%	40 - 70	52
+8	2.36 mm	%	65 - 85	75
+9	2.00 mm	%	85 - 98	93
+10	1.70 mm	%	95 - 100	97

PHYSICAL PROPERTIES		
Bulk Density	kg/m ³	1,041 - 1,201
	lb/ft ³	65 - 75
Angle of Repose	degrees	36°
Uniformity Index		50
Size Guide Number (SGN)		285
Color		White

GUARANTEED ANALYSIS
(0-0-62)
Soluble Potash (K ₂ O) - 62%

Note: All of the above properties are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the specified typical.