



Product Specifications
Effective: June 17, 2011
Location: Vanscoy

Red Premium Potash

0-0-60

Muriate of Potash

CHEMICAL ANALYSIS

Component/Equivalent	Units	Minimum	Typical
Potassium Chloride	wt. % KCl	-	95.65
Potassium Oxide	wt. % as K ₂ O	60.00	60.72
Potassium	wt. % K	-	50.16
Sodium Chloride	wt. % NaCl	-	3.59
Moisture	wt. % H ₂ O	-	0.07
Calcium	wt. % Ca	-	0.04
Chloride	wt. % Cl	-	47.70
Magnesium	wt. % Mg	-	0.03
Sodium	wt. % Na	-	1.41
Sulfate	wt. % SO ₄	-	0.07
Water Insolubles	wt. %	-	0.43

PHYSICAL ANALYSIS

Parameter	Units	Range	Typical
Angle of repose	degrees	32-35	-
Bulk density	lb/ft ³ kg/m ³	62-75 993-1201	- -
Size Guide Number (SGN)		265-310	291
Uniformity Index		38-50	45

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Range wt. %	Typical wt. %
Retained on . . .	5	5	4.000	0-13	6.90
	6	6	3.350	18-44	30.29
	7	7	2.800	39-70	54.99
	8	8	2.360	59-85	73.51
	9	10	2.000	79-96	88.67
	10	12	1.700	92-100	96.97
	12	14	1.400	95-100	98.18
	14	16	1.180	97-100	99.38
	20	20	0.850	98-100	99.69
Passing through	20	20	0.850	0-1	0.08

Please obtain a Material Safety Data Sheet for more information.

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