

Fertilizer and Industrial Compounds

Product Name: Standard Fines Sulfate of Potash 0-0-50

Source: Ogden, Utah

Alternative Names: Potassium Sulfate (K_2SO_4/SOP)

CHEMICAL COMPOSITION	UNIT	TYPICAL	TARGET
Potassium Oxide Equivalent (K_2O)	%	52	50
Chloride (Cl)	%	0.3	0.8 max
Magnesium (Mg)	%	0.6	-
Sulfate (SO_4)	%	54	-
Sulfur (S)	%	18	17
Moisture (H_2O)	%	0.2	-
Insolubles - in water	%	0-4	-
pH - in water at 25°C (5.0% Solution)		8.0	-

PARTICLE SIZE, PERCENT CUMULATIVE				
TYLER MESH	UNIT	SCREEN OPENING	TYPICAL	TYPICAL RANGE
48	%	0.297 mm	28.4	0-67
150	%	0.105 mm	73.8	41-100
pan	%	-	100	100

PHYSICAL PROPERTIES		
	UNIT	TYPICAL
Bulk Density	kg/m^3	1550
	lb/ft^3	96
Color		Off-white

Note: All of the above results are based on the analysis of a composite sample. Individual samples may fall outside the specified typical.