



K-MAG[®] Premium 0-0-21.5

CHEMICAL ANALYSIS

Component	Symbol	Typical %	Guarantee %
Potassium Oxide Equivalent	K ₂ O	21.7	21.5 (min.)
Potassium	K	18.0	
Sodium	Na	0.5	
Calcium	Ca	0.3	
Magnesium	Mg	10.6	10.5 (min.)
Sulfur	S	21.2	21.0 (min.)
Chloride	Cl	2.3	2.5 (max.)

PARTICLE SIZE DISTRIBUTION CUMULATIVE %

Tyler Mesh	US Mesh	Opening (mm)	Typical Range	Typical
6	6	3.350	10-20	15
8	8	2.360	70-80	75
10	12	1.700	97-99	98
14	16	1.180	98-99	99
20	20	0.850	98-100	99

PHYSICAL PROPERTIES

TYPICAL

Bulk Density (Loose)	
- lb/cu foot	80
- kg/cu meter	1281
Angle of Repose	30 Degrees

OTHER SIZING CHARACTERISTICS

Parameter	Typical
Size Guide Number (SGN)	260
Uniformity Index (UI)	50

Product analyses are typical as tested on a composite sample. Grab samples or individual shipment analyses may vary from typical values. Handling and transportation may affect analysis of the delivered product.