



# K-MAG<sup>®</sup> Special Standard 0-0-21.5

## CHEMICAL ANALYSIS

Component	Symbol	Typical %	Guarantee %
Potassium Oxide Equivalent	K <sub>2</sub> O	21.7	21.5 (min.)
Potassium	K	18.0	
Sodium	Na	0.5	
Calcium	Ca	0.2	
Magnesium	Mg	11.4	10.8 (min.)
Sulfur	S	22.4	22.0 (min.)
Chloride	Cl	1.6	2.5 (max.)
Water Insoluble	—	1.4	
Moisture at 105°C	H <sub>2</sub> O	0.08	

## PARTICLE SIZE DISTRIBUTION CUMULATIVE %

Tyler Mesh	US Mesh	Opening (mm)	Typical Range	Typical
28	30	0.600	10-35	22
35	40	0.425	16-65	40
48	50	0.300	40-75	60
65	70	0.212	51-92	70
100	100	0.150	72-98	85
200	200	0.075	95-100	95

## PHYSICAL PROPERTIES

### TYPICAL

Bulk Density (Loose)	
- lb/cu foot	89
- kg/cu meter	1426
Angle of Repose	34 Degrees

## OTHER SIZING CHARACTERISTICS

Parameter	Typical
Size Guide Number (SGN)	35
Uniformity Index (UI)	12

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.