



K-MAG[®] Special Standard 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 | 0.2 | |
| 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 ₂ 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.