

## CHEMICAL COMPOSITION

| Component                  | Symbol           | Typical % | Guarantee % |
|----------------------------|------------------|-----------|-------------|
| Potassium Oxide Equivalent | K <sub>2</sub> O | 22.2      | 22 (min.)   |
| Magnesium                  | Mg               | 11.2      | 10.8 (min.) |
| Sulfur                     | S                | 22.5      | 22 (min.)   |
| Chloride                   | Cl               | 1.2       | 2.5 (max.)  |
| Moisture                   | H <sub>2</sub> O | 0.10      |             |

## PARTICLE SIZE DISTRIBUTION CUMULATIVE %

| Tyler Mesh | US Mesh | Opening (mm) | Typical Range | Typical |
|------------|---------|--------------|---------------|---------|
| 10         | 12      | 1.700        | 0 - 20        | 10      |
| 14         | 16      | 1.180        | 25 - 65       | 45      |
| 20         | 20      | 0.850        | 45 - 90       | 70      |
| 35         | 40      | 0.425        | 75 - 100      | 93      |
| 65         | 70      | 0.212        | 90 - 100      | 98      |

## PHYSICAL PROPERTIES

| Bulk Density (Loose) | Typical    |
|----------------------|------------|
| - lb/ft <sup>3</sup> | 91         |
| - kg/m <sup>3</sup>  | 1458       |
| Angle of Repose      | 34 Degrees |

## SIZING CHARACTERISTICS

| Parameter               | Typical |
|-------------------------|---------|
| Size Guide Number (SGN) | 110     |
| Uniformity Index (UI)   | 20      |

Please refer to the Safety Data Sheet (SDS #: MOS100042) for additional information ([www.mosaicco.com](http://www.mosaicco.com))

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