

## CHEMICAL COMPOSITION

Component	Symbol	Typical %	Guarantee %
Potassium Oxide Equivalent	K <sub>2</sub> O	22.2	22 (min.)
Magnesium	Mg	11.6	10.8 (min.)
Sulfur	S	22.5	22 (min.)
Chloride	Cl <sup>-</sup>	1.4	2.5 (max.)
Moisture	H <sub>2</sub> O	0.12	

## PARTICLE SIZE DISTRIBUTION CUMULATIVE %

Tyler Mesh	US Mesh	Opening (mm)	Typical Range	Typical
4	4	4.75	0 - 2	1
5	5	4.00	5 - 25	15
6	6	3.35	15 - 50	30
7	7	2.80	30 - 70	48
8	8	2.36	45 - 85	66
9	10	2.00	65 - 95	82
10	12	1.70	85 - 100	94
12	14	1.40	95 - 100	99

## PHYSICAL PROPERTIES

Bulk Density (Loose)	Typical
- lb/ft <sup>3</sup>	88
- kg/m <sup>3</sup>	1412
Angle of Repose	34 Degrees

## SIZING CHARACTERISTICS

Parameter	Typical
Size Guide Number (SGN)	275
Uniformity Index (UI)	40

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

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