

## CHEMICAL COMPOSITION

Component	Symbol	Typical %	Guarantee %
Potassium Oxide Equivalent	K <sub>2</sub> O	21.7	21.5 (min.)
Magnesium	Mg	11.2	10.5 (min.)
Sulfur	S	21.7	21 (min.)
Chloride	Cl <sup>-</sup>	2.0	2.5 (max.)
Moisture	H <sub>2</sub> O	0.1	

## PARTICLE SIZE DISTRIBUTION CUMULATIVE %

Tyler Mesh	US Mesh	Opening (mm)	Typical Range	Typical
4	4	4.75	0 - 2	0
5	5	4.00	0 - 15	7
6	6	3.35	10 - 45	21
7	7	2.80	25 - 75	48
8	8	2.36	70 - 98	80
9	10	2.00	90 - 100	96
10	12	1.70	95 - 100	99.5
12	14	1.40	98 - 100	99.9
14	16	1.18	99 - 100	99.9

## PHYSICAL PROPERTIES

Bulk Density (Loose)	Typical
- lb/ft <sup>3</sup>	82
- kg/m <sup>3</sup>	1307
Angle of Repose	29 Degrees

## SIZING CHARACTERISTICS

Parameter	Typical
Size Guide Number (SGN)	280
Uniformity Index (UI)	52

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

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