

### CHEMICAL COMPOSITION

Component	Symbol	Typical %	Guarantee %
Potassium Oxide Equivalent	K <sub>2</sub> O	21.8	21.5 (min.)
Magnesium	Mg	11.0	10.5 (min.)
Sulfur	S	21.6	21 (min.)
Chloride	Cl-	1.9	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	9
6	6	3.35	10 - 45	26
7	7	2.80	25 - 75	52
8	8	2.36	70 - 98	87
9	10	2.00	90 - 100	98
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>	80
- kg/m <sup>3</sup>	1281
Angle of Repose	30 Degrees

### SIZING CHARACTERISTICS

Parameter	Typical
Size Guide Number (SGN)	285
Uniformity Index (UI)	53

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

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