



MicroEssentials[®]

S10[®]

12-40-0 10S

Chemical Composition

Component	Symbol	Typical	Guarantee
Total Nitrogen	N	12%	12% Minimum
Available Phosphate	P ₂ O ₅	40%	40% Minimum
Water Soluble Phosphate	P ₂ O ₅	37%	
Total Sulfur	S	10%	10% Minimum
Elemental Sulfur	S	5%	5% Minimum
Combined (Sulfate) Sulfur	S	5%	5% Minimum
Ground Moisture	H ₂ O	1.1 %	

Physical Properties

Parameter	Typical
Bulk Density (Loose)	
- lb/ft ³	56
- kg/m ³	900
Angle of Repose	37 Degrees

Sizing Characteristics

Parameter	Typical
2mm X 4mm	≥ 90%
Size Guide Number (SGN)	295
Uniformity Index (UI)	55

Please refer to the Safety Data Sheet (SDS #: MOS 100077) for additional information (www.mosaicco.com)

The information contained in this data sheet is a representation of the average properties of product analyses as tested on composite samples and typical analyses should not be considered a guaranteed specification. Individual shipment and grab sample analyses may fall outside of the above typical values. Additional handling, transportation, or improper/extended storage may affect product analyses. Mosaic disclaims any responsibility or liability for any loss or damage that may occur from any reliance on, or other use of, the above information with respect to the product.