



MicroEssentials[®] SZ[®]

11.7-40-0 10S 1Zn

Canadian Registration No: 2024185M

Chemical Composition

Component	Symbol	Typical	Guarantee
Total Nitrogen	N	12%	11.7% Minimum
Available Phosphate	P ₂ O ₅	40%	40% Minimum
Water Soluble Phosphate	P ₂ O ₅	36%	
Total Sulfur	S	10%	10% Minimum
Elemental Sulfur	S	5%	5% Minimum
Combined (Sulfate) Sulfur	S	5%	5% Minimum
Total Zinc	Zn	1.0%	1% Minimum
Ground Moisture	H ₂ O	1.0%	

Physical Properties

Parameter	Typical
Bulk Density (Loose)	
- lb/ft ³	60
- kg/m ³	960
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 100038) for additional information (www.mosaicco.com)

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