



## Monoammonium Phosphate (MAP) 11-52-0

### TYPICAL ANALYSIS

#### Chemical Analyses

#### Typical

Nitrogen (Total)	11%
Phosphate as P <sub>2</sub> O <sub>5</sub>	
- Total	53%
- Available	52%
- Water Soluble	47%
Sulfate Sulfur as S	(1.6% – 2.4%)
Crude Moisture as H <sub>2</sub> O	(0.3% – 1.3%)
Ground Moisture as H <sub>2</sub> O	(0.7% – 2.3%)

#### Sizing

#### (Range)

2 mm x 4 mm	(90% – 99%)
Size Guide Number	(260 – 320)
Uniformity Index	(45 – 65)

#### Physical Properties

#### (Range)

Bulk Density (Loose)	(930 – 990 kg/m <sup>3</sup> ) or (58 – 62 lbs/ ft <sup>3</sup> )
Bulk Density (Packed)	(1030 – 1060 kg/m <sup>3</sup> ) or (62 – 66 lbs/ft <sup>3</sup> )
Hardness	(9 – 14 lbs) or (4 – 6 kg)
Angle of Repose	(30 – 33 Degrees)

Product analyses are typical as tested at shipment. **This is not a guarantee for any particular shipment.**  
Handling and transportation may affect the analysis of the delivered product