

## Ammonium Polyphosphate

**10-34-0**

### CHEMICAL ANALYSIS

Component	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	10.0		10.2
Total Phosphate	wt. % P <sub>2</sub> O <sub>5</sub>	34.0		34.2
Polyphosphate	% of Total P <sub>2</sub> O <sub>5</sub>			70.2
Aluminum	wt. % Al <sub>2</sub> O <sub>3</sub>			0.6
Calcium	wt. % CaO			0.02
Fluoride	wt. % F			0.14
Iron	wt. % Fe <sub>2</sub> O <sub>3</sub>			0.5
Magnesium	wt. % MgO			0.15
pH				6.1
Solids	wt. %			0
Sulfate	wt. % SO <sub>4</sub>			1.6

### PHYSICAL ANALYSIS

Component	Units	Typical
Color		Green
Density (@75°F)	lb/US gal	11.68
	lb P <sub>2</sub> O <sub>5</sub> /US gal	4.3
	US gal/ton	171
Salt Out Temperature	°F (°C)	0 (-17.7)
Specific Gravity	@ 75°F/24°C	1.401
	cP (40°F/4°C)	72
	cP (65°F/18°C)	45
Viscosity	cP (65°F/18°C)	45
	cP (100°F/38°C)	23

### SHELF LIFE and STORAGE STATEMENT

When stored in properly selected containers at temperatures less than 70°F (21°C), **POLY10** is expected to have a shelf life of at least 9 months from the date of manufacturing. **POLY10** shelf life has been observed to decrease rapidly when stored at temperatures above 90°F (32°C). No formal shelf life testing or assignment of expiry date has been performed for this product.

#### Refer to a Safety Data Sheet for more information

Typical results are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the typical range.

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The manufacturer's representative for this product is the following subsidiary of Nutrien Ltd.:

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