

Ammonium Polyphosphate 10-34-0

PRODUCT ANALYSIS

Component	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	10.0		10.3
Total Phosphate	wt. % P ₂ O ₅	34.0		34.2
Polyphosphate	% of Total P ₂ O ₅			72.0
Aluminum	wt. % Al ₂ O ₃			0.5
Calcium	wt. % CaO			0.02
Fluoride	wt. % F			0.11
Iron	wt. % Fe ₂ O ₃			0.5
Magnesium	wt. % MgO			0.18
pH				6.1
Solids	wt. %			0
Sulfate	wt. % SO ₄			1.5

TYPICAL PHYSICAL PROPERTIES

Component	Units	Typical
Appearance		Green
	lbs/US gal	11.6
Density (@75°F/24°C)	lbs P ₂ O ₅ /US gal	4.0
	US gal/ton	172
Salt Out Temperature	°F (°C)	0 (-17.7)
Specific Gravity	@ 75°F/24°C	1.393
	cP (40°F/4°C)	65
Viscosity	cP (65°F/18°C)	37
	cP (100°F/38°C)	21

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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