

Ammonium Nitrate Fertilizer

MATERIAL DATA SHEET

Property denomination			VALUE
	TEST METHOD	UNIT	
Ammonium Nitrate Content, % N% (as NH ₄ NO ₃)		% %	>98.0 34.0 min
Colour			White only
Water Content by Carl Fisher titration		%	0.6 max
Bulk Density (Free flowing)		g/cc	0.90 – 1.05
Combustible Material content in carbon equivalents		%	0.2
Fe (III) content		Ppm w/w	5 -7 max
Al (III) content		(ppm w/w)	<5.0
pH of 10% aqueous solution			>5.0
MgO/Mg(NO) ₂		%	<1.4 +/- 0.25
CaO ₃ /Ca(NO) ₂		%	<1.4
Granulometry	1-4 mm	%	95.0 min
	<1 mm		5.0 max
Insoluble matter		Ppm w/w	<50
Water insolubles		%	0.005 max
Organic additives		%	0
pH		%	4.5 min
Chlorine content		%	0.02 max
Copper content		Mg/kg	10 max

Friability		%	100
Free flowing, Free from any foreign Impurities and substances			



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