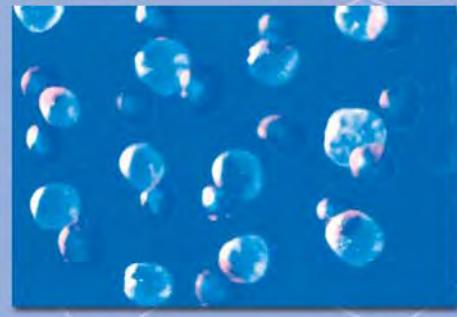


**TIPICAL ANALYSIS OF
AEQ
AMMONIUM PERCHLORATE**



Description	Fine Classified			Medium 200 micron		Coarse 400 micron	
	20 micron with TCP	55 micron with TCP	90 micron with TCP	Rotary	Rounded	Rotary	Rounded
				with TCP	no TCP	with TCP	no TCP
Assay as NH ₄ ClO ₄	98.6	98.6	98.8	98.8	99.0	98.8	99.0
Sodium as Na	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Potassium as K	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Moisture total	0.03	0.03	0.03	0.08	0.08	0.08	0.08
Moisture Surface	-	-	-	0.02	0.02	0.02	0.02
pH sat. solution	6.0 - 7.0	6.0 - 7.0	5.5 - 6.5	5.5 - 6.5	4.5 - 5.5	5.5 - 6.5	4.5 - 5.5
Water insoluble	0.50	0.50	0.25	0.25	0.03	0.25	0.03
Chloride as NH ₄ Cl	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Chlorate as NH ₄ ClO ₃	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Iron as Fe ₂ O ₃	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Sulfated Ash	0.65	0.65	0.45	0.45	0.25	0.45	0.25
Tricalcium Phosphate TCP	0.35 - 0.45	0.35 - 0.45	0.15 - 0.25	0.15 - 0.25	-	0.15 - 0.25	-
% Retained on U.S.Sieve n° (cumulative)	Fraction Passing Through U.S. Sieve %						
				Medium 200 micron	Coarse 400 micron		
12					99.5		
18				99.5 min	-		
30					95 min		
40					45 - 65		
50				88 - 96	0 - 3		
70				50 - 70	-		
100				17 - 38	-		
140				2 - 15	-		
200				1 - 5	-		
325				2 max	-		

All data in weight percent (except pH)
Nominal Values

Ammonium Perchlorate is available from AEQ in a variety of sizes, grades and specifications.

Packing

The Ammonium Perchlorate is packed in dry moisture-proof sealed containers and in a manner to insure carrier acceptance and safe delivery at destination.

It is packed in polyethylene-lined 60 gallon steel drums, each containing 200 kilogram net.

All drums contain dessicant for moisture and caking control.



Chemicals

AEQ is a manufacturer of special grades of fine chemicals that have military and industrial applications.

- Ammonium Perchlorate
- Sodium Perchlorate
- Potassium Perchlorate
- Perchloric Acid
- Picric Acid

Ammonium Perchlorate Applications

Vehicles Launching Satellites (VLS)

Rockets

Missiles Motors

Sounding Rockets Motors

Air Bags



Commercial Support

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