



HIGH-DENSITY PRILLED AMMONIUM NITRATE

- High-density AN (for technical application) is used to manufacture industrial explosives.

CHEMICAL COMPOSITION

Treated with anti-caking agent, free from lumps, and free from harmful substances, impurities and foreign matters. Hand-breakable lumps are considered as free-flowing

Total mass fraction of nitrate and ammonium nitrogen in terms of NH_4NO_3 in dry matter, min	98%
Nitrogen, min	34.4%
Mass fraction of water (drying method), max	0.4%
Water insolubles, max	0.02%
pH in 10% water solution, min	5
Chlorides, max	5 ppm
Phosphates (P_2O_5), max	3 ppm
Ferrum, max	9 ppm
MgO	0.3–0.5%

PHYSICAL PROPERTIES

Granule size:	
– 1–4 mm, min	95%
– less than 1 mm, max	3%
Static granule strength, min	8 N/granule
Free flowing	100%

PACKAGING, TRANSPORTATION AND STORAGE

- Packed in 50-kg bags or big bags made of polypropylene with polyethylene insert.
- Transported by all means of transportation, except for air transportation, in accordance with applicable cargo transportation rules.
- If in bulk, stored in warehouses with adjustable temperature (30° C max) and humidity (50% max) mode. If packed in polyethylene or polypropylene bags, stored indoors in dry and clean warehouses protected from moisture.

Store separately from organic substances, reducing agents, oxidising agents, fuels and lubricants, and keep away from fire.

Guaranteed shelf life is six months from the date of manufacture.

MANUFACTURED BY

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Acron Quality Management System is ISO 9001 certified