



LOW-DENSITY PRILLED AMMONIUM NITRATE

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

●●● CHEMICAL COMPOSITION

Appearance	Prilled product free from foreign mechanical impurities
Total mass fraction of nitrate and ammonium nitrogen in terms of NH_4NO_3 in dry matter, min	98%
Mass fraction of water (Fischer method), max	0.9%
pH in 10% water solution, min	6
Organic content, max	0.2%

●●● PHYSICAL PROPERTIES

Granule size:	
– 1–2 mm, min	85–95%
– less than 1 mm and more than 3 mm, max	5–15%
– less than 1 mm, max	2%
Fuel absorption, min	8%
Holding capacity for fuel, min	5.5–6.5%
Bulk density	0.76–0.84 g/cm ³
Static granule strength, min	5 (0.5) N/granule (kg/granule)
Free flowing	100%

●●● PACKAGING, TRANSPORTATION AND STORAGE

- Packed in big bags.
- Transported by all means of transportation, except for air transportation, in accordance with applicable cargo transportation rules.
- Stored indoors in warehouses protected from precipitation and separately from other substances and materials. Keep away from heat, sparks and flames; avoid contaminating with any foreign matters. 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