



İSTANBUL GÜBRE SANAYİ A.Ş.
Kütahya Fabrikası

LOW DENSITY AMMONIUM NITRATE (PAN) TECNICAL DATA SHEET

Product Name : Low Density Ammonium Nitrate
Pack : BigBag (1.000 kgs)
Formula : NH_4NO_3
Chemical group : Nitrates
CAS No : 6484-52-2
EC No : 229-347-8

SPECIFICATIONS	REQUIRED
COLOR	UNIFORM WHITE TO BEIGE
STATE	SOLID
NH_4NO_3	99 % MIN.
TOTAL NITROGEN	34.5 % MIN.
MOISTURE	0.2 % MAX. (KARL FISHER METHOD)
BULK DENSITY (gr/cm ³)	0.7 - 0,8
pH OF WATER SOLUTION AT 20 °C (10 gr sample + 100 ml.H ₂ O)	4,5 - 6,0
PRILL SIZE 1 - 2 MM	75 % MIN.
UNDER 1 MM	5 % MAX.
OVER 2 MM	20 % MAX.
FUEL OIL NR.2 RETENTION (ISO-5313-1986)	8,0 %MIN.
ORGANIC MATTER AS CARBON	0.125 % MAX.

Depolama:

Avoid eye and skin contact. Avoid the formation of dust and aerosol. There must be exhaust ventilation system in the places where dust formed. Keep it away from igniter materials. No smoking. Keep it away from heat and everything that can cause igniting. Avoid heat and high pressure. Keep in cold place. Keep tightly closed container in well vanted place. Do not store with combustive materials. Do not store in the same place with combustive materials. Store far from heat, sunlight and flame, fire sources. It is hygroscopic, it can get moisture easily, keep it away from humid places.