

PRODUCT SPECIFICATION SHEET
LOW DENSITY AMMONIUM NITRATE (LDAN)

Product Description

The EHC Low-Density Ammonium Nitrate (LDAN) prill is specially produced for the preparation of ANFO and ANFO emulsions. It is the most cost-effective bulk explosive for surface and underground dry blasting applications. Due to its high porosity and low-density specification, the EHC LDAN ensures high fuel oil absorption increasing ANFO's blasting performance.

EHC LDAN can be used not only for mining application but also in civil works' activities.

Technical Specifications

Product Properties		Limits	Unit
Purity		≥ 99.0	wt.%
Total Nitrogen		≥ 34.5	wt.%
pH	(10% soln.)	4 - 6	
Moisture		≤ 0.15	wt.%
Bulk Density		720 ±20	Kg/m ³
Fuel Oil Retention		≥ 10	wt.%
Particle Undersize	< 1 mm	≤ 5	wt.%
Typical Particle size	1 - 2 mm	≥ 80	wt.%
Particle Oversize	> 2 mm	≤ 15	wt.%
Organic Carbon		< 0.2	wt.%
Crushing Strength		≥ 0.3	kg-f
Water Insoluble		≤ 0.5	wt.%

Packaging

EHC LDAN is available in 25 kg Polyethylene bags. It is also supplied in 1,000 kg, 1,100 kg, and 1,200 kg Polypropylene FIBC protected with an inner Polyethylene liner.

Storage Stability

The EHC LDAN excellent packing together with its high crushing strength and low moisture support in maintaining its quality even for long periods in prescribed storage conditions.