



DANFO

DAHANA ANFO

Non-cap sensitive
free flowing explosives
based on Ammonium Nitrate
and Fuel Oil



Explosives Services for
General Mining
Quarry and Construction
Oil and Gas

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DESCRIPTION

DANFO (DAHANA ANFO) is a non cap sensitive free flowing explosives based on Ammonium Nitrate and Fuel Oil, manufactured by PT Dahana (Persero).

SAFETY

DANFO is a blasting agent and not sensitive to initiation by a detonator No. 8, suitable for charging in the relatively dry blast holes of open pit and under groundblasting.

While DANFO has a very low mechanical impact sensitivity. This impact insensitivity criterion is a very important safety feature.

If DANFO remnants are to be destroyed by burning, advice on the correct method should be sought from DAHANA's Explosives Technical Specialists or from the local explosives statutory authority

APPLICATIONS

DANFO is suitable for charging in the dry blast holes and will remain dry until initiation. Designed to deliver high energy and used as a column charge in surface and underground mining, quarrying and general blasting work where water is not present.

RECOMMENDATIONS FOR USE

Dry Blast Hole

DANFO has a very poor water resistance. Wet holes must be pumped out, blown dry. Another option is to use Heavy ANFO with Dahana brand DABEX 55.

Heavy ANFO is comprising various blends of DABEX 100 and DANFO, used where water resistant or extra power charging is required.

Priming

DANFO has been designed as a non-cap sensitive explosives and will deliver maximum energy and efficiency when

initiated by a high explosives solid booster.

The recommended priming methods for DANFO are either a cap-sensitive Emulsion Explosives such as Dayagel Series or Nitroglycerine based explosives.

Detonating and Cord effects

Detonating cords are not recommended for initiating DANFO. If in doubt consult DAHANA's Explosives Technical specialists.

Charging

DANFO can be loaded to blast holes using a pneumatic loader or poured directly from the bag.

PACKAGING

The DANFO packaging bag are colour highlighted in white and black label to clearly distinguish this product. Standard packaging are PE liner with woven PP outer bag and available in 25 kgs weight bag.

STORAGE AND HANDLING

As with other hygroscopic explosives, the shelf life will be dependent on packaging condition. If the DANFO package is damaged, the shelf life is influenced by the extent of damage to the packaging and by the nature of atmospheric climate especially the humidity level.

Do not subject the product to impact and friction.

Store away from sources of heat or ignition and other chemical.

DAHANA's Explosives Technical Specialists should be consulted in the event of uncertainty as to product condition and/or performance.



TECHNICAL PROPERTIES

Classification	Blasting Agent
Type Of Explosives	Non Cap Sensitive
Consistency	Free Flowing prills
Priming	Cast Booster
	Cartridges Emulsion Explosives
	NG Based Explosives / Dynamite
	or Equivalent
Water Resistance	Poor
Density of Bulk (gr/cc)	0.8 - 0.84
Critical Diameter Barehole (Inch)	1.5
VOD (m/s) in 25" diameter confined Barehole	3000 - 3300
Relative Weight Strength to Blasting Gelatin (%)	55
Colour	Rose
Weight in Bags Net (kg)	25
Storage Life (Month)	6

Fume Characteristic
DABEX is Oxygen balanced and is suitable for underground use



DISCLAIMER

All information contained in this Data Sheet is as accurate and as up to date as possible. Since DAHANA cannot anticipate or control the conditions under which this information and its products may be used. each user should review the information in the specific context of the intended application. DAHANA will not be responsible for damage of any nature resulting from the use of or reliance upon the information. No expressed or implied warranties are given other than those implied mandatorily by Government.