Anfo

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BULK EXPLOSIVES

PRODUCT DESCRIPTION

ANFO is a blend of Ammonium Nitrate and Fuel Oil for use in dry blast holes.

ANFO is augured into the blast holes.

The benefits of ANFO include:

- Safe and efficient explosive.
- High blast hole loading rates, and.
- ANFO is a very cost-efficient explosive; it gives competitive drilling and blasting costs with excellent blasting outcomes.

APPLICATION

ANFO's explosive energy is partitioned towards heave and is ideal for dry blast holes only.

ANFO is not suitable for hot and or reactive ground conditions.

TECHNICAL PROPERTIES	
Parameter	**ANFO**
Density range[1] (g/cm^3)	0.72 - 0.82
Effective Energy (MJ/kg)	2.3
Relative weight strength (%)	100
Relative bulk strength (%)	100
Velocity of Detonation (VoD) Range[2] (km/s)	3.0 - 4.5
Minimum hole diameter (mm)	60
Maximum sleep time dry conditions	4 weeks

All Specification are stated at 100MPa

1. A number of factors affect final product density including in-hole conditions, ammonium nitrate density, etc.
2. Range of VoD measured in–situ in medium hard rock and hole diameters between 102 and 270 mm.

EMERGENCY CONTACT

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Do you want to get in touch with one of our experts?

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CLASSIFICATION

UN No.	0082
Shipping Name	Explosive Blasting, Type B
Class	1.1D
Safety Data Sheet	ANFO

RECOMMENDATIONS FOR USE

Priming Requirements: The preferred primer is a 400g cast booster. However a smaller booster can be used in smaller diameter holes. It is recommended that an additional cast booster be used every 15 meters of column charge to reduce risks associated with explosive column disruption.

Packaging: ANFO is available in bulk and is delivered through bulk truck delivery systems.

Handling: Information regarding this product is available from the relevant SDS.

Transportation: All explosives are classified as Dangerous Goods and must be transported in accordance with relevant State and Commonwealth regulations.

Storage and Security: All explosives are classified as Dangerous Goods and must be stored and secured in accordance with relevant State and Commonwealth regulations.

DISCLAIMER

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