ANFO

PRODUCT DATA SHEET

Anfo Blasting agent based on type prill ammonium nitrate mixed with a combustible agent (diesel).

PRODUCT ADVANTAGES

- Excellent coupling characteristics in the blast-hole provided the appropriate product diameter be applied according to the dimensions of the blast-hole.
- Good gas volume development that improves the displacement of fragmented rock.
- Low sensitivity.
- Low product density.
- Easy to use.
- Very little amount of toxic fumes.

PROPERTIES

Properties	Value
Nominal density [g/cm^3] Ø 1 > 2" (1)	0.80
Velocity of Detonation, VOD [m/s] (2)	3000

(1) Product density is a property that depends on temperature.
(2) VOD results depend on application, diameter and confinement.
(2) Confined in 50 mm tube.

STANDARD CONTAINER

The ANFO is delivered in polypropylene bags with an internal polythene bag with waterproof and appropriate characteristics to protect the product from moisture. 25 kg presentation.

STORAGE

- Storage must be in accordance with local, provincial, state and federal laws.
- Store in a dry, fresh, clean and well-ventilated environment.
- Do not expose the product to direct sunlight or heat sources.
- Store in a moisture free environment.

AUSTIN POWDER

Industriales Austin de Costa Rica, Esparza, Puntarenas, km 101 Interamericana Norte.
Phone number: (+506) 4001 94 28 - e-mail: qc@austincr.com

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STORAGE

- Lower temperature limit +16 °C.
- Upper temperature limit +32 °C.

APPLICATION

- In open-pit mining.
- Underground mining with good ventilation.
- Quarries.
- Civil construction work.
- Its use is limited to perforations that do not contain water.
- It requires a high explosive as a minimum detonator for its initiation (for example, encapsulated emulsion sensitive to the detonator, pentolite booster, among others) of adequate size for its correct initiation. Blasting agents are not sensitive to initiation with detonators.
- Austin accepts no responsibility for any loss or liability arising from the use of the product on ground that contains pyrite or other reactive material.

LIFETIME

3 months from the date of manufacture under proper storage conditions.

FINAL DISPOSITION

In accordance with legal, local and national requirements. If in doubt, contact your supplier or manufacturer.

TRANSPORTATION DATA

Shipping Name: Blasting Agent, TYPE B

UN Class and Division: 1.5D

UN Number: 0331

Warranty disclaimer and limitations of liability:

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