

TECHNICAL DATA SHEET

SUPERFAM DOS AE

Generic Name by SUCAMEC: ANFO

DESCRIPTION AND COMPOSITION:

SUPERFAM DOS AE is a granular blasting agent composed of ANFO grade Prilled Ammonium Nitrate, a liquid fuel and a colorant. The mixture is made in modern equipment of high precision that, added to the high quality of the components, allows us to produce a blasting agent of optimum quality.

SUPERFAM DOS AE is characterized because it has an antistatic additive that allows pneumatic charging, eliminating the static charges generated during the operation.

The Prilled Ammonium Nitrate with which SUPERFAM DOS AE is manufactured presents a high oil retention capacity, with which we obtain a more stable product, so that the fuel does not migrate after a prolonged manufacturing time.

USES:

SUPERFAM DOS AE is mainly used in surface mining as well as underground mining, civil works and tunneling works where there is no presence of water and the type of rock is soft or semi-hard. SUPERFAM DOS AE is recommended for use in mining works with good ventilation and absence of water upwelling.

The handling temperature range of SUPERFAM DOS AE is from 0°C to 30°C. For different temperatures it is recommended to contact the Technical Assistance area.


TECHNICAL CHARACTERISTICS:

	UNIT	SUPERFAM DOS AE
Bulk density	g/cm ³	0.82 ± 0.10
Velocity of Detonation (*)	m/s	3 200 ± 300
Detonation pressure	kbar	54
Energy	kcal/kg	1 049
Relative power by weight (RWS) (**)	%	110
Relative power by volume (RBS) (**)	%	113
Water resistance	---	None

(*) Confined in a 1 ½ inches diameter x 50 cm long iron tube.

(**) Relative powers referred to ANFO with a conventional power of 100.

The values expressed are results at normal conditions (20°C and 1 atm.)

PACKAGING:

It is packaged in a double bag: the inner bag is made of polyethylene with impermeable characteristics, while the outer bag is made of polypropylene, a material resistant to handling and storage, on which the product identification is displayed.

Packing 1.5D

	MATERIAL	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)	OUTER DIMENSIONS (cm)
SUPERFAM DOS AE	Plastic	25.0	25.3	83.8 x 50.8

TRANSPORT:

Class : 1
Division : 1.5D
UN No. : 0331


STORAGE AND WARRANTY:

SUPERFAM DOS AE should be stored in powder magazines at **temperatures between 5°C and 30°C**, located in safe, well ventilated, dry areas, protected from rain and heat. Also, the explosive inventory should be rotated, avoiding the use of new materials before using old ones. And it must be stored according to the current compatibility table of the relevant authority.

SUPERFAM DOS AE kept in its original packaging and stored in the above-mentioned temperature conditions has a **warranty period of 6 months** after its production date.

WARNING:

FAMESA EXPLOSIVOS S.A.C. has safe products, but they may become dangerous elements in inexperienced hands.

The purchaser or user must comply with the applicable regulations during transport, storage and use, as well as train duly all its personnel involved in its loading and handling, providing mechanical aids for loads over 25 kg per person.

FAMESA EXPLOSIVOS S.A.C. assumes no liability for transport, storage and/or improper use their products may experience.

The information and recommendation described in this document do not necessarily cover all product applications nor the different conditions under which it is being used. These are based on the experience, research and tests done by Famesa Explosivos S.A.C., who does not guarantee favorable results nor assume any responsibility, expressed or implied, in relation to the use of these suggestions. This product may be changed without prior notice.