

TECHNICAL DATA SHEET

SUPERFAM L

Generic Name by SUCAMEC: ANFO

DESCRIPTION AND COMPOSITION:

SUPERFAM L manufactured by FAMESA EXPLOSIVOS S.A.C. is a blasting agent that is adequately balanced in oxygen, whose mixture is made with modern equipment of high precision and with specialized technical personnel that allows us to produce an optimum quality.

It has in its composition elements that decrease its density and increase its sensitivity; allowing a low concentration of charge per length of drill hole, optimizing the distribution of energy and allowing less damage to the rock mass.

USES:

It is mainly used in surface and underground mining, and civil works as column charge in soft rock or in contour blasting.

When used in conventional diameter drill holes in underground mining, in order to optimize its performance, we recommend starting it with Semigelatin or Gelatin type Dynamite or Emulnor 3000 type Emulsions; both manufactured by FAMESA EXPLOSIVOS S.A.C. For larger diameters, high density primers such as Booster HDP should be used.

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


TECHNICAL CHARACTERISTICS:

		UNIT	SUPERFAM L
Bulk density		g/cm ³	0.56 ± 0.1
Velocity of Detonation	Confined in 1 1/2-inch iron pipe	m/s	2 600 ± 300
Theoretical energy by weight		kcal/kg	738
Normal volume of gases		l/kg	946
Relative energy	By weight	%	82
	By volume	%	56
Detonation pressure		kbar	9.5
Water resistance		---	None
Critical diameter		mm	38

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 L	Plastic	20.0	20.2	83.8 x 50.8

TRANSPORT:

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


STORAGE AND WARRANTY:

SUPERFAM L 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 L 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.