

TECHNICAL DATA SHEET

FAMEPLAST

Generic Name by SUCAMEC: SENSITIZED BULK EMULSION OR HYDROGEL

DESCRIPTION AND COMPOSITION:

FAMEPLAST is a moldable explosive mass made from a water-in-oil type emulsion, with energizing components and sensitizing agents that allow it to obtain a high velocity and detonation pressure, generating a good quality of blasting gases.

USES:

FAMEPLAST is used in secondary blasting to fragment the rocks ("boulders") to the size required by the mining operation. Due to its plastic consistency, it is easily manipulated, molding and fixing on the rock surface, which allows an adequate transfer of energy.

The handling temperature range of FAMEPLAST is from -8°C to 50°C. For different temperatures it is recommended to contact the Technical Assistance area.


TECHNICAL CHARACTERISTICS:

	UNIT	FAMEPLAST
Relative density	g/cm ³	1.12 ± 0.08
Velocity of Detonation (*)	m/s	4 700 ± 300
Detonation pressure	kbar	61
Energy	kcal/kg	810
Normal volume of gases	l/kg	915
Relative power by weight (**)	(%)	90
Relative power by volume (**)	(%)	121
Water resistance	---	Excellent
Fume category	---	Class 1

(*) Detonation velocity in PVC pipe of 1 ½ inches diameter.

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

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

PACKAGING:
Packing 1.1D

	BOX MATERIAL	BOX CAPACITY (Pcs.)	NET WEIGHT (Kg)	GROSS WEIGHT (Kg)	OUTER DIMENSIONS (cm)
FAMEPLAST	Cardboard	2 bags x 12.5 kg	25.0	26.9	45.6 x 38.6 x 26.4

TRANSPORT:

Class : 1
Division : 1.1D
UN No. : 0241

**STORAGE AND WARRANTY:**

FAMEPLAST should be stored in powder magazines at **temperatures between 0°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.

FAMEPLAST 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.