

TECHNICAL DATA SHEET

FAMECORTE E-20

Generic Name by SUCAMEC: SENSITIZED BULK EMULSION OR HYDROGEL

DESCRIPTION AND COMPOSITION:

FAMECORTE E-20 comes in semi-rigid tubes that can be coupled together to form a continuous explosive column according to the desired length.

Additionally, it has a special accessory called "centering device", which is used to center the explosive column and create an air ring along the drill hole, in order to cushion the effects of the explosive on the ground.

USES:

FAMECORTE E-20 is an explosive emulsion of low breaking power, specially designed for controlled blasting works, contour, tunnels, quarry slope, roads, etc. where it is necessary to obtain stable rock profiles without over-excavation.

The handling temperature range of FAMECORTE E-20 is from -8°C up to 50°C. For different temperatures it is recommended to contact the Technical Assistance area.


TECHNICAL CHARACTERISTICS:

	UNIT	FAMECORTE E-20
Relative density	g/cm ³	1.10 ± 0.1
Velocity of Detonation (*)	m/s	4 200 ± 600
Detonation pressure	kbar	48
Relative power by weight (**)	%	74
Water resistance	---	Good
Fume category	---	Class 1
Normal volume of gases	l/kg	909
Tube diameter	mm	17.5
Tube length	mm	512

(*) Confined in its own container.

(**) 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)
FAMECORTE E-20	Cardboard	144	20.0	22.5	69.0 x 30.5 x 28.5

TRANSPORT:

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

**STORAGE AND WARRANTY:**

FAMECORTE E-20 should be stored in 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.

FAMECORTE E-20 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.