

TECHNICAL DATA SHEET

MINI BOOSTER

Generic Name by SUCAMEC: BOOSTER OR MULTIPLIER

DESCRIPTION AND COMPOSITION:

MINI BOOSTER is an explosive composed of pentolite (mixture of TNT and PETN) for underground mining, being a highly stable and reliable explosive product.

Due to its high detonation velocity, it is one of the best initiators of Anfo type blasting agents.

TYPES AND USES:

In order to satisfy the market requirements, FAMESA EXPLOSIVOS S.A.C. offers the following types:

- MINI BOOSTER 10 g
- MINI BOOSTER 18 g

The MINI BOOSTER is characterized for having a design that allows the insertion of a Fanel for its operation of priming Anfo columns up to 3 inches in diameter.

The handling temperature range of the MINI BOOSTER is from 0°C up to 60°C. For different temperatures it is recommended to contact the Technical Assistance area.


TECHNICAL CHARACTERISTICS:

	UNIT	MINI BOOSTER 10 g	MINI BOOSTER 18 g
Density	g/cm ³	1.60 ± 0.1	1.60 ± 0.1
Velocity of Detonation	m/s	Min. 7 000	Min. 7 000
Detonation pressure	kbar	200	200
Energy	kcal/kg	1 330	1 330
Unit weight	g	12.0 ± 2.0	23.0 ± 2.0
Total height	mm	50.0	50.0
Outer diameter of base	mm	20.0	28.0
Sensitivity to primer	---	No.12	No.12
Water resistance	---	Excellent	Excellent

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)
Mini Booster 10g	Cardboard	336	5.03	5.65	44.0 x 26.8 x 18.3
Mini Booster 18g	Cardboard	336	8.04	9.30	42.0 x 29.1 x 19.6

TRANSPORT:

Class : 1
Division : 1.1D
UN No. : 0042

**STORAGE AND WARRANTY:**

MINI BOOSTER should be stored in 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.

The MINI BOOSTER kept in its original packaging and stored in the above mentioned temperature conditions is **guaranteed for 36 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.