Primalfract

Plasma4th

Document Code:
PE-ENX-VE-QC-20-FT-01
MARCH 2025

NON EXPLOSIVE
PLASMA

DESCRIPTION

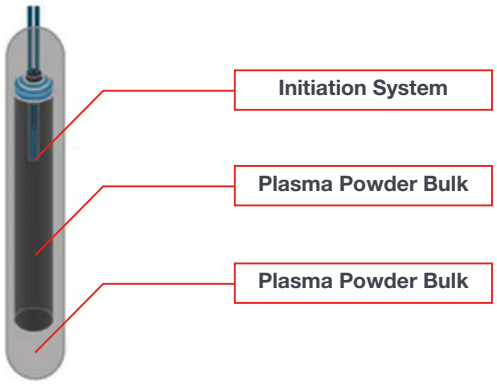
Plasma 4TH is a fast-expanding non-explosive metallic mixture, primarily designed for rock-breaking in civil works, quarries, and both open-pit and underground mining applications.

TECHNICAL CHARACTERISTICS	
Aspect	Cardboard or plastic cylindrical tube
Initiation	Integrated: Electrical Resistance
Maximum Duration	18 months from the date of manufacture
Cautions	Flammable solid highly hygroscopic
Density	0.6 to 1.5 gr/cc

USES

- Use charges only with an authorized initiating machine supplied by Enaex.
- Product for rock-breaking in civil works, quarries, and both open-pit and underground mining.
- Do not open, modify, or knead the charges.
- Keep in its original packaging until application in the field.

PRODUCT COMPOSITION



STORAGE CONDITIONS AND WARRANTY

- Store in a dry place and avoid contact with moisture.
- When stored in its original packaging and under suitable conditions of low humidity and good ventilation, this product has a warranty of 18 months from its date of manufacture.
- It is necessary to comply with the applicable legal regulations.

WARNING

The Company will only be responsible for what is expressly stated in this document and will not, under any circumstances, be liable for damages, losses, or any contingencies arising from the use of the products, except as expressly indicated by applicable law. The use of this product is regulated in each country by its own laws. The Company reserves the right to modify its products without prior notice.

TRANSPORTATION INFORMATION

Class 4. Division 4.1
N° UN: 3089

STORAGE SYMBOL

NFPA Classification

0 Normal Material
1 Slightly
2 Hazardous
3 Extreme Danger
4 Deadly

PRODUCT DIMENSIONS*			
PRIMALFRACT	**Length (cm)**	**Diameter (cm/inch)**	**Net weight per unit**
1300 PMD	36	6.5/2.6	1.3 kg
1700 PMD	36	7.3/2.9	1.7 kg
3000 PMD	43	8.5/3.3	3.0 kg

*Charge size and weight are approximate.
Diameter ±1 cm, length ±5 cm, and mass ±100 g.

PACKAGING DIMENSIONS**					
PRIMALFRACT	**Length (cm)**	**Width (cm)**	**Height (cm)**	**Units per box**	**Net weight per box (kg)**
1300 PMD	51	28	19	12	15.6
1700 PMD	48	36	15	10	17
3000 PMD	57.5	25.5	16	5	15

**Packaging in cardboard boxes (Deviation ±2.5% from the box dimensions).
The 10-unit presentation is only available in the local market.

MANUFACTURING

Manufacturer: CHEMTRADE S.A.C.
Production Plant: Planta Végueta,
Km 177 Panamericana Norte,
CP Medio Mundo, Végueta District,
Huaura Province, Lima.

Enaex