

MINING / CONSTRUCTION

Plystem Tamping Capsules

SHOTHOLE TAMPING CAPSULES

DESCRIPTION

Plystem Tamping Capsules contain a blend of graded sands and clays, bound together to form a pliable material. The material is packaged in fire retardant polythene sleeves for ease of handling and extended shelf life. The sleeve dimensions are designed to allow effective tamping to be achieved without necessitating rupture of the sleeve.



APPLICATION AND USE

Plystem Tamping Capsules are used during blasting to contain the explosive gases within the shothole, eliminating the possibility of gas ignition in the mine workings. They also improve the effectiveness of explosives by better fragmentation and reduction of socket length.

ADVANTAGES

- Pre-packaged and ready for use
- Easy to insert into the shothole and to tamp
- Demonstrated performance in improving blast results

TECHNICAL DATA

AVAILABLE SIZES

Diameter (mm)	Length (mm)	No. per box
25	120	80
25	240	40
28	120	56
28	240	28
32	240	24
38	240	15

APPLICATION METHOD

The capsule(s) should be inserted into the hole, following the explosive charge and firmly tamped to seal off the top of the shothole. A minimum of 1 complete capsule is to be used per hole. If more than one capsule is to be used, then each capsule must be individually tamped.

SAFETY INSTRUCTIONS AND LIMITATIONS

Plystem Tamping Capsules are non-toxic. If, however, particles do get into the eyes, these should be removed by washing with plenty of water and medical advice sought immediately. Refer to the Material Safety Data Sheet.

PACKAGING AND TRANSPORTATION

Plystem tamping capsules are packed in cardboard boxes and shrink-wrapped for strength and moisture retention. The cardboard boxes are stacked on pallets for delivery.

STORAGE AND SHELF LIFE

Plystem Tamping Capsules have a shelf life of 6 months when stored in cool conditions, away from heat and direct sunlight in unopened boxes.

DISPOSAL

Follow local regulations.

APPROVALS AND CERTIFICATES

- Plystem Tamping Capsules have been tested and approved for use by the South African Government Mining Engineer, British Coal and the UK Safety in Mines Research Establishment.

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ADDITIONAL DOCUMENTATION

- MSDS of Plystem Tamping Capsules

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