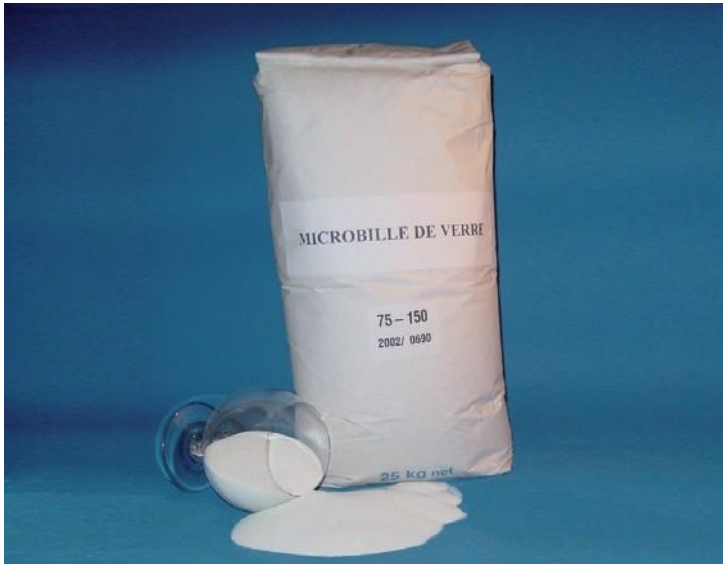


Glass beads

Technical Data



description

The Glass beads offer a remarkable combination of physical and chemical properties not available from any other blasting product.

The Glass beads have the form of perfect spheres with a smooth, brilliant surface.

The spherical form and chemical composition of these glass beads give them a series of advantages unique in the field of impact treatment.

applications

The engineering, aeronautical, electronic, nuclear and motor industries demand perfect mastery of the operations for treatment by impact.

The Glass Beads are mainly used for surface treatment, using impact by dry or moist air pressure, of metal, plastic, glass, wood, etc.

The applications of glass beads are very diverse and include : cleaning, trimming and preparation of surfaces, surface finishing, smoothing...

Physical and chemical characteristics

Shape : Spherical and smooth.

Colour : White.

Specific gravity : 2.4 - 2.6.

SiO₂ 70 to 75 %

Na₂O 12 to 15 %

K₂O < 1,5 %

CaO 7 to 12 %

Bulk density : 1.5 g/cc.

Hardness : Mohs 5.

MgO < 5 %

FeO₃ < 0,5 %

Al₂O₃ < 2,5 %

available sizes

| Nominal sizes in microns | standards (measured with asTM e 11 – 70) |
|--------------------------|---|
| 425 - 850 | 1 000 microns : 99 to 100 % 850 microns : 90 to 100 % 425 microns : 0 to 10 % |
| 250 - 425 | 500 microns : 99 to 100 % 425 microns : 90 to 100 % 250 microns : 0 to 10 % |
| 180 - 300 | 355 microns : 99 to 100 % 300 microns : 90 to 100 % 180 microns : 0 to 10 % |
| 150 - 250 | 300 microns : 99 to 100 % 250 microns : 90 to 100 % 150 microns : 0 to 10 % |
| 106 - 212 | 250 microns : 99 to 100 % 212 microns : 90 to 100 % 106 microns : 0 to 10 % |
| 75 - 150 | 180 microns : 99 to 100 % 150 microns : 90 to 100 % 75 microns : 0 to 10 % |
| 53 - 106 | 125 microns : 99 to 100 % 106 microns : 90 to 100 % 53 microns : 0 to 20 % |
| 45 - 90 | 106 microns : 99 to 100 % 90 microns : 90 to 100 % 45 microns : 0 to 20 % |
| 45 & - | 90 microns : 99 to 100 % 63 microns : 90 to 100 % 45 microns : 0 to 90 % |

Packaging

25 Kg paper bags.

Cautions

Store the product at room temperature.