



EUROGRIT BV

Datasheet

Glassbeads

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| Description | Glassbeads are a non-metallic mineral abrasive, made of soda glass. | | |
| Applications | Glassbeads are used for shotblast-cleaning, descaling and deburring. They are also suitable for inspection blasting (fraction and fracture detection) and for glarefree, decorative matt satin finishing. Another application is micro peening. When using glass beads, there is no abrading or scouring action, no deformation of material and no contamination or embedment of particles. Glass beads are suitable for dry compressed air blasting as well as for wet blastcleaning. | | |
| Properties | Shape | : | Spherical |
| | Colour | : | Transparent, white |
| | Hardness | : | Rockwell C 47 |
| | | : | Mohs 6 |
| | Specific density | : | 2.5 kgs/dm ³ |
| | Loose bulk density | : | 1.5 kgs/dm ³ |
| Chemical Composition (Indication only) | SiO ₂ | : | 72.0 - 73.0 % |
| | Na ₂ O | : | 13.3 - 14.3 % |
| | CaO | : | 7.2 - 9.2 % |
| | MgO | : | 3.5 - 4.0 % |
| | Al ₂ O ₃ | : | 0.8 - 2.0 % |
| | K ₂ O | : | 0.2 - 0.6 % |
| | SO ₃ | : | 0.2 - 0.3 % |
| | Fe ₂ O ₃ | : | 0.08 - 0.11 % |
| Grain sizes | 0 - 50 Micron | | 150 - 250 micron |
| | 40 - 70 Micron | | 200 - 300 micron |
| | 70 - 110 Micron | | 300 - 400 micron |
| | 90 - 150 Micron | | 425 - 850 micron |
| | 100 - 200 Micron | | |
| Packing | 25 kgs paper bags with in-liner, on shrinkfoiled export pallets of 1 metric ton. | | |

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

EUROGRIT - AHEAD IN ABRASIVES