

PRODUCT INFORMATION

GLASS BEADS FOR BLASTING

Description: Clear and highly round glass microspheres for use as blasting media in surface treatments

Advantages: Microbead's small, spherically shaped glass beads are the ideal medium for both smooth and efficient surface treatments. glass beads are characterized by a high degree of roundness, purity and clarity.

Their shape results in material-friendly impacts leaving the workpiece surface intact. The glass material is a clean and neutral medium that does not intermingle with the treated material glass beads do not cause silicosis. They are available in a wide range of grain sizes, which guarantees tailor-made sievings for the desired surface treatment applications.

Use: Accelerated by means of air and/or liquid, the glass beads are projected onto the surface of a work piece in order to clean, embellish, matten or compact it. A detailed list of the numerous uses is available on request. Blasting with glass microspheres is an economic and environmentally friendly alternative to manual or chemical surface treatments. glass beads offer optimum flexibility; both for the materials to be treated and the effects to be achieved. The beads are appropriate for use with dry or wet blasting equipment.



SIEVING RANGES

| my | my |
|-----------|-----------|
| 1 - 50 | 150 - 250 |
| 40 - 70 | 200 - 300 |
| 50 - 105 | 200 - 400 |
| 70 - 110 | 300 - 400 |
| 90 - 150 | 400 - 600 |
| 100 - 200 | 400 - 800 |

CHEMICAL COMPOSITION

| | | | |
|--------------------------------|------------|-------------------|------------|
| SiO ₂ | min. 65,0% | CaO | min. 8,0% |
| Al ₂ O ₃ | 0,5 - 2% | Na ₂ O | min. 14,0% |
| Fe ₂ O ₃ | max. 0,15% | other | max. 2,0% |
| MgO | min. 2,5% | | |

TECHNICAL DATA

| | |
|-----------------|----------------|
| Specific weight | 2.3 - 2.6 kg/l |
| Bulk weight | 1.4 - 1.7 kg/l |
| Hardness: | 6 - 7 Mohs |
| Vickers | 466 - 495 HV |
| (Rockwell) | 46 - 48 HRC |