

Product information

MICROGLASS BEADS - WTB

soda-lime (A-glass)

Characteristic and use:

High quality fine blasting media for gentle surface cleaning and surface compacting as well for reduction of surface roughness

- cleaning and removal of contaminations and oxidations from surfaces
- debarring
- matting and polishing
- structure blasting
- shot peening (increase of stability by surface compacting)
material fatigue, wear and stress corrosion are countered

Diameters:

0 - 50 µm	150 - 250 µm
40 - 70 µm	200 - 300 µm
70 - 110 µm	300 - 400 µm
90 - 150 µm	400 - 850 µm
100 - 200 µm	other sizes on request

Technical properties:

Shape	roundness > 80%
Colour	white / grey-green
Density (spec.gravity)	2,5 g/cm ³
Hardness according to Mohs	6
Hardness according to Rockwell	---
Hardness according to Vickers	---
Refraction index	> 1,5
Settled apparent density	1,5 kg/dm ³
Breaking strength acc. to diameter	---
Melting temperature	ca. 1400°C
Deformation temperature	ca. 800°C
Thermal conductivity	---

Chemical composition

SiO ₂	72,1 ± 0,3%	Al ₂ O ₃	2,2 ± 0,14%
Na ₂ O	15,0 ± 0,2%	Fe ₂ O ₃	max. 0,2%
CaO	6,0 ± 0,2%	SO	max. 0,5%
MgO	4,0 ± 0,2%		

Packing:

25 kg bags
BigBags a 1.000 kg

Storage:

in dry room

Subject to change - All information is given in good faith but without warranty.