

Product information

MICROGLASS BEADS

soda-lime-silica glass

Characteristic and use:

Deliverable with and without hydro silicone coating.
Production is certified by ISO 9002

Diameters:

40 - 80 µm	100 - 600 µm	250 - 420 µm
50 - 100 µm	150 - 250 µm	420 - 590 µm
75 - 150 µm	180 - 300 µm	420 - 840 µm
100 - 200 µm		600 - 800 µm

special screening possible on request

Technical properties:

Shape	round
Density (spec.gravity)	2,5 g/cm ³
Hardness according to Mohs	6
Coefficient of thermal expansion	7,75 x 10 ⁻⁶ / K ⁻¹ (0-300°C)
Refraction index	1,51
Modulus of elasticity (Young)	10 x 10 ⁶ psi
Settled apparent density	1,5 kg/dm ³
ph-value	11 - 12
Dielectric constant 22°C, 1 MHz	7,6
Dielectric loss 22°C, 1 MHz	8,5 x 10 ⁻³
Acidic class	---
Alkaline class	---
Deformation temperature	740°C
Content of lead	without lead

Chemical composition:

SiO ₂	72,5%	Al ₂ O ₃	0,4%
Na ₂ O	13,7%	FeO/Fe ₂ C	0,2%
CaO	9,8%	MgO	3,3%
		K ₂ O	0,1%

Packing:

- in units with 25 kgs in paper-bags
- 500 kgs in a box
- alternatively in Bigbags of 500 - 1000 kgs

Storage:

in dry rooms

Subject to change - All information is given in good faith but without warranty. We cannot accept responsibility or liability for any damage, resulting from the use of this information