

Product information

Q1 - GLASS BEADS

Characteristic and use:

These glass beads are generally used as disperser, grinding media and filler materials in dye, paint, coatings, chemical engineering, magnetic tape, paper and rubber manufacturing

Diameters:

0,6 - 0,8 mm	1,5 - 2,0 mm	2,5 - 3,0 mm
0,8 - 1,0 mm	2,0 - 2,5 mm	3,0 - 4,0 mm
1,0 - 1,5 mm		3,5 - 4,0 mm

Technical properties:

Shape	90% round
Density (spec.gravity)	2,5 kg/dm ³
Hardness according to Mohs	6
Coefficient of thermal expansion	---
Surface	---
Modulus of elasticity (Young)	63 GPa
Settled apparent density	1,5 kg/dm ³
Crushing strength acc. to diameter	1.200 N/mm ² (dia. 1,5 mm)
Purity	---
Hydrol. class	III
Acidic class	III
Alkaline class	2
Deformation temperature	---
Content of lead	without lead

Chemical composition:

SiO ₂	72,3%	K ₂ O	1,2%
Na ₂ O	14,3%	MgO	1,4%
CaO	7,5%	Fe ₂ O ₃	< 0,1%
Al ₂ O ₃	2,4%		

Packing:

in units with 25 kgs each

Storage:

in dry rooms