

Product information

ZS-LZ Beads

zirconium silicate ZrO₂ 57%

Characteristic and use:

Sintered Zirconium silicate beads with a homogenous structure. They show excellent results in all grinding systems: grinding and dispersion of coating and paint systems, of pigments to dye textiles and plastics, grinding of inorganic and organic pigments.

Diameters:

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

Technical properties:

Shape	round
Color	white
Density (spec. gravity)	4 g/cm ³
Hardness according to Vickers	1000 HV ₁₀
Coefficient of thermal expansion	---
Surface	smooth
Modulus of elasticity (Young)	---
Settled apparent density (dia. 1,8 - 2,0 mm)	2,45 kg/dm ³
Purity	---
Deformation temperature	---

Chemical composition:

ZrO ₂ und HfO ₂ ⁽¹⁾	> 57,0%
SiO ₂ ⁽¹⁾⁽²⁾	> 32,0%
Al ₂ O ₃	< 9,0%
other oxides	< 2,0%

(1) Traces of naturally occurring Uranium(U) and Thorium(Th) are present in concentrations of <0,05%.

(2) Silica glass, free from crystalline forms of silica.

Packing:

- in units with 25 kgs each
- every unit in a plastic buckets

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