

SiLibeads®



Type ZS

Zirconium Silicate sintered

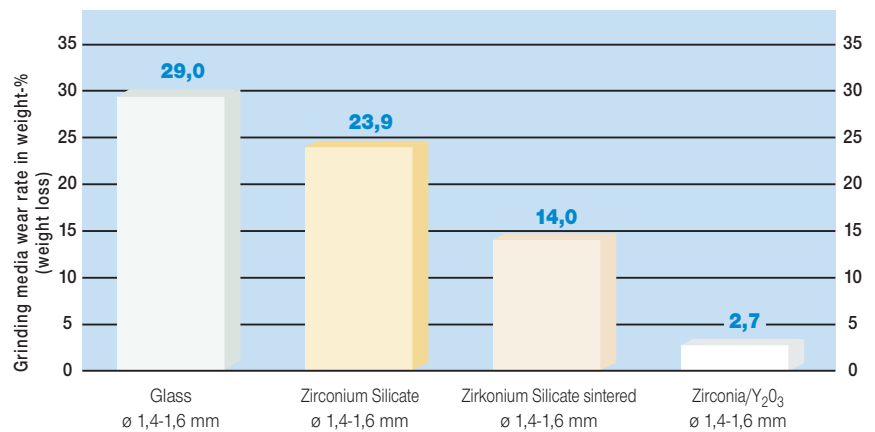


Chemical Composition weight-%	
ZrO ₂	68,0 %
SiO ₂	31,0 %
Others	1,0 %
Figures are reference values !	

Mechanical Properties	
Specific weight	4,1 kg/ltr
Youngs-module	100 GPa
Hardness according to Mohs	7
Microhardness	1000 HV

Wear Rate of the SiLibeads Type Z in comparison with other grinding media

Test conditions: Drais Mill PML-H/V with chrome steel discs 1.571, attritor speed 13,4 m/sec
Suspension: 1 kg Titaniumdioxide # 3025 and 4 ltr. water, milling time 9 hours, filling volume of grinding beads 720 ml



Available Standard Qualities		
Art. No.	Size Range (mm)	Bulk Density (kg / ltr.)
9307	0,6 - 0,8	2,580
9309	0,8 - 1,0	2,575
9311	1,0 - 1,2	2,569
9313	1,2 - 1,4	2,557
9315	1,4 - 1,6	2,525
9317	1,6 - 1,8	2,520
9319	1,8 - 2,0	2,515
9321	2,0 - 2,2	2,497

Special sizes are available upon request.
Figures of Bulk Density are reference values.

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