

# SiLibeads®

*micro* beads made of Ceramic

**SiLi**  
SIGMUND LINDNER



... more than just **Ceramic Beads**

Available Standard Sizes		
Art. No	Size Range	Bulk Density (kg / ltr.)
94002	0 - 63 my	2,220
94003	63 - 125 my	2,199
94005	125 - 250 my	2,211
94007	250 - 425 my	2,271
94008	425 - 600 my	2,298

Chemical Composition weight-%		Mechanical Properties	
ZrO <sub>2</sub> + HfO <sub>2</sub>	67,5 %	Specific weight	3,80 kg / ltr.
SiO <sub>2</sub>	27,5 %	Youngs-module	100 GPa
Others	5,0 %	Microhardness	700 HV

Roundness 0,90 – Camsizer analysis (axial ratio length to width)  
Possible for all beads > 0,1 mm.

Figures are reference values.  
Special sizes are available upon request.



94002  
0 - 63 my



94003  
63 - 125 my



94005  
125 - 250 my



94007  
250 - 425 my



94008  
425 - 600 my

Edition 1.0/September 2008