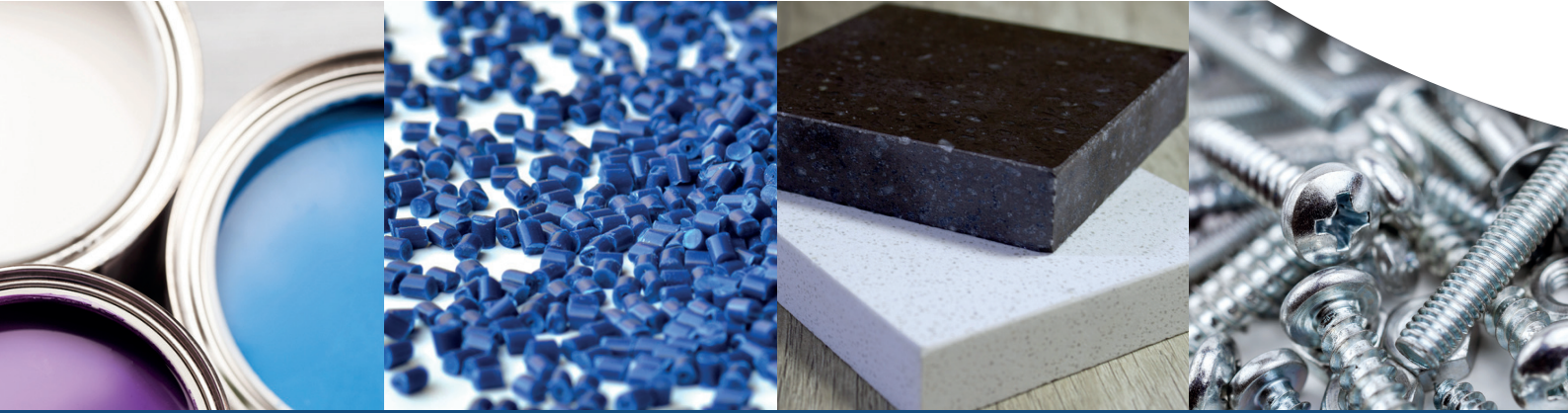


The German spirit of quality since 1854



# SiLibeads <sup>SOLID</sup>®

...durable and resilient products



## MICRO GLASS BEADS

Examples of Applications:

- Filling material in the chemical-, paper- and synthetic materials industry
- Filling material for the modification of the physical properties of thermoplast and duroplast
- Glass beads for shot peening of the surface of metal, plastics, ceramics and wood
- Decorative effect in wall paint and plaster and further technical applications

Standard Sizes –special diameters available by request		
Article	Diameter	Bulk density
5209	0 – 20 µm	0.70 kg/l
5210	0 – 50 µm	1.30 kg/l
5211	40 – 70 µm	1.33 kg/l
5212	70 – 110 µm	1.37 kg/l
5213	90 – 150 µm	1.40 kg/l
5214	100 – 200 µm	1.42 kg/l
5215	150 – 250 µm	1.43 kg/l
5216	200 – 300 µm	1.44 kg/l
5218	400 – 600 µm	1.47 kg/l
5219	400 – 800 µm	1.49 kg/l
5220	200 – 400 µm	1.45 kg/l
5223	300 – 400 µm	1.46 kg/l

Possible Silan Coatings	
-	uncoated
Si-1	Gamma-Methacryloxypropyltrimethoxysilane
Si-2	Gamma-Glycidoxypropyltrimethoxysilane
Si-3	Gamma-Aminopropyltriethoxysilane
Si-4	Gamma-Mercaptopropyltrimethoxysilane
Si-5	n-Octyltriethoxysilane

Technical Data	
Size Range:	Between 0 and 800 µm
Density (g/cm³):	2.5
Bulk Density (g/cm³):	0.7 - 1.5
Refractive Index:	1.52
Roundness:	≥0.89 (ratio width/length (x <sub>min</sub> /x <sub>max</sub> ))
Softening point:	734 °C
Melting point:	1446 °C

Chemical Analysis	Weight
Silicon dioxide SiO <sub>2</sub>	72.30%
Sodium oxide Na <sub>2</sub> O	13.30%
Calcium oxide CaO	8.90 %
Magnesium oxide MgO	4.00 %
further	1.50 %

For more technical information please contact:

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