

## 59825 Glass Powder, very fine

### Chemical Composition

SiO <sub>2</sub>	77 - 80 %
B <sub>2</sub> O <sub>3</sub>	9 - 13 %
Al <sub>2</sub> O <sub>3</sub>	2 - 4 %
Na <sub>2</sub> O	4 - 5 %
K <sub>2</sub> O	1 %
ZrO <sub>2</sub>	0 - 1 %

### Physical Data

Moisture:	≤ 0.5 %
Density:	2.25 g/cm <sup>3</sup>
Refractive index:	1.47
Oil absorption:	32 ml / 100 g
Conductivity:	134 μS/cm

Max. Application temperature:	ca. 500°C
Transformation temperature:	ca. 550°C
Sintering point:	ca. 700°C
Softening point:	ca. 1180°C
Flow point:	ca. 1300°C

### Particle Size

Alpine air jet sieve (200LS-N) < 20 μm	< 5 %
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### CILAS 920 Laser Granulometer

D90	30 μm
D50	10 μm
D10	1.5 μm