

## 58694 Cristobalite Sand, 0.1 – 1 mm

### Chemical Analysis:

SiO <sub>2</sub>	99.5 %
Fe <sub>2</sub> O <sub>3</sub>	0.03 %
Al <sub>2</sub> O <sub>3</sub>	0.20 %
TiO <sub>2</sub>	0.02 %
K <sub>2</sub> O	0.05 %
CaO	0.01 %

### Physical Properties:

Density	2.35 g/cm <sup>3</sup>
Hardness (Mohs)	6.5
pH Value	9
Linear coefficient of expansion 20°C - 300°C	54*10 <sup>-6</sup> K <sup>-1</sup>
Bulk Density	1.1 g/cm <sup>3</sup>

### Specific Product Properties:

Particle Size	
> 1.000 mm	0.2 %
> 0.710 mm	2 %
> 0.500 mm	5 %
> 0.355 mm	17 %
> 0.250 mm	76 %
> 0.180 mm	97 %
< 0.063 mm	Traces
Average Particle Size (D <sub>50</sub> )	0.310 mm
Standard Color Value (LFM 1) (Y)	94

### Color:

(Minolta CM-3610d, D65/10°)

L*	97
a*	-0.19
b*	1.04