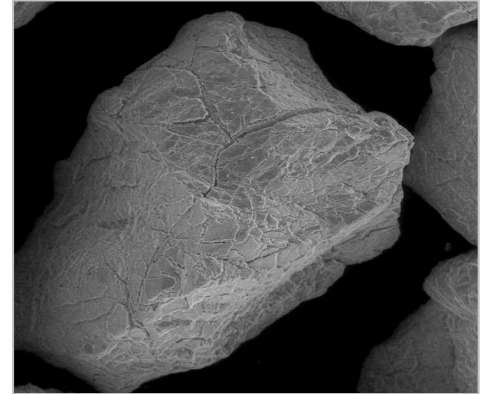




## Product Data Sheet

### CristolBrite 100 M

- ⚡ Highest Whiteness and Brightness
- ⚡ Highest Purity
- ⚡ Consistent Sizing



**CristolBrite** is thermally modified quartz with rounded grain and narrow particle size. It is white, very bright, of high purity, does not absorb moisture and is chemically inert. CristolBrite is a highly engineered version of cristobalite which we manufacture in our own plant in the United States.

#### Physical Properties

Specific Gravity	2.33
Hardness (Mohs)	6.5
Refractive Index	1.48
pH	8.5
BET Surface Area (m <sup>2</sup> /g)	0.9
Brightness (Hunter L*)	98
Coefficient of Thermal Expansion (Range: 20 <sup>0</sup> C to 350 <sup>0</sup> Cx10 <sup>-6</sup> K <sup>-1</sup> )	54

#### Chemical Analysis, Wt%

SiO <sub>2</sub>	99.7
Al <sub>2</sub> O <sub>3</sub>	0.09
Fe <sub>2</sub> O <sub>3</sub>	0.04
CaO	0.02
TiO <sub>2</sub>	0.01
Na <sub>2</sub> O	0.13

#### Particle size, microns

D10	3.4
D50	30
D95	100

#### Other Sizes

0.3-0.7mm  
0.1-0.3mm  
KRS  
200M  
325M  
1260  
845

The data shown are based on average results for production samples and are subject to normal variation on individual tests. Accordingly, test data cannot be taken as established maximum or minimum specifications. All results are subject to change.

MSDS available on request.

[www.cedprocessminerals.com](http://www.cedprocessminerals.com)