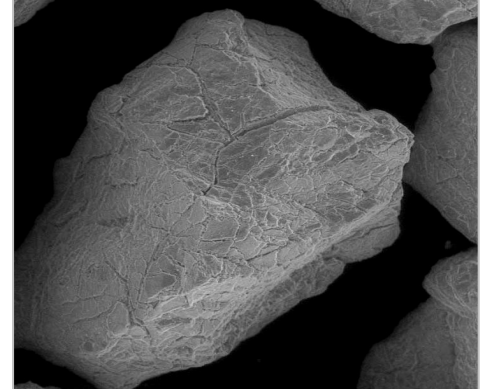




## Product Data Sheet

### CristolBrite 325M

- ✦ 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)	2.2
Coefficient of Thermal Expansion (Range: 20°C to 350°Cx10 <sup>-6</sup> K <sup>-1</sup> )	54
Hunter Brightness	
L*	96
a	0.14
b	0.45
Y	95

#### Particle size Distribution, μm

D50	12
>50	6
>44	10
>30	20
>20	30
>15	40
>10	55
>5	68
>3	80
>1	98
>0.5	100

#### 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

#### Other Sizes

KRS
0.3-0.7mm
0.1-0.3mm
100M
200M
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.