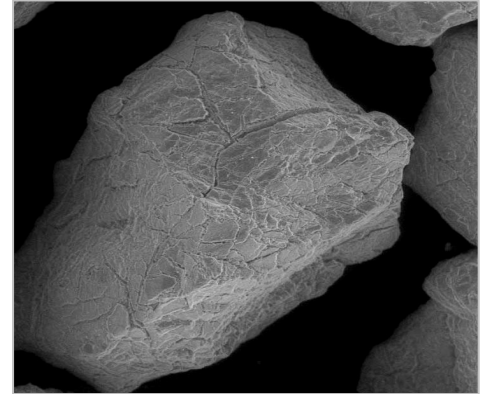




Product Data Sheet

CristolBrite KRS

- 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 ² /g)	0.3
Coefficient of Thermal Expansion (Range: 20 ⁰ C to 350 ⁰ Cx10 ⁻⁶ K ⁻¹)	54
Hunter Brightness	
L*	96
a	-0.01
b	0.81
Y	94

Particle size Distribution, μm

D50	350
>500	5
>400	33
>300	70
>200	90
>100	100

Other Sizes

Chemical Analysis, Wt%

SiO ₂	99.7
Al ₂ O ₃	0.09
Fe ₂ O ₃	0.04
CaO	0.02
TiO ₂	0.01
Na ₂ O	0.13

0.3-0.7mm
0.1-0.3mm
100M
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.