



# CHIRAG INTERNATIONAL

Minerals & Industrial Raw Materials  
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## TECHNICAL DATA SHEET

Quartz Powder

### PRODUCT INFORMATION

<b>Product Name</b>	Quartz Powder
<b>Product Code</b>	Quartz - 02
<b>Grade</b>	Industrial / Ceramic Grade
<b>Origin</b>	India (Rajasthan)
<b>CAS Number</b>	68476-25-5

### AVAILABLE MESH SIZES

<b>BSS 150 Mesh</b>	105 Microns
<b>BSS 200 Mesh</b>	74 Microns
<b>BSS 250 Mesh</b>	60 Microns
<b>BSS 325 Mesh</b>	44 Microns
<b>Custom Sizes</b>	Available as per customer requirement

### CHEMICAL & PHYSICAL ANALYSIS

CHEMICAL ANALYSIS			PHYSICAL PROPERTIES	
Compound	Formula	Result	Property	Result
Loss on Ignition	LOI (1025°C)	0.1%	Firing Whiteness	—
Silica	SiO <sub>2</sub>	99.00% (±0.25%)	L-Value	—
Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.09% (±0.02%)	a-Value	—
Alumina	Al <sub>2</sub> O <sub>3</sub>	Nil	b-Value	—
Potash	K <sub>2</sub> O	Nil	Whiteness @ 1220°C × 20 min	90%++
Soda	Na <sub>2</sub> O	Nil	Shrinkage	—
Calcium Oxide	CaO	—	Fired Temperature	1220°C
Titanium Dioxide	TiO <sub>2</sub>	—	Powder Colour	—
Moisture	H <sub>2</sub> O	—	—	—
Magnesium Oxide	MgO	—	—	—
Total Alkalies	K <sub>2</sub> O + Na <sub>2</sub> O	Nil	—	—