

# CB MINERALS

2 Madison Ave. #211

Larchmont, NY 10538

Tel: 914-777-3330 Fax: 914-777-3035

WEBSITE: [www.cbminerals.com](http://www.cbminerals.com)

E-Mail: [info@cbminerals.com](mailto:info@cbminerals.com)

INDUSTRIAL MINERALS SINCE 1897

## "P" QUARTZ SILICA

A pure white crystalline form of silica used in ceramics, soap, as an abrasive and as a general filler or extender. Also used in manufacture of investment castings and particularly recommended in the manufacture of epoxy resins.

### TYPICAL CHEMICAL ANALYSIS

Silicon Dioxide (SiO <sub>2</sub> )	99.7%
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.025%
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	0.10%
Titanium Dioxide (TiO <sub>2</sub> )	0.15%
Calcium Oxide (CaO)	0.15%
Magnesium Oxide (MgO)	0.15%
Alkalie	Trace

### TYPICAL SCREEN ANALYSIS

MESH	% RETAINED ON	CUMULATIVE
70	0.0	0.0
100	0.1	0.1
140	0.7	0.8
200	3.7	4.5
270	8.5	13.0
325	8.0	21.0

### PHYSICAL ANALYSIS

pH	7
Hardness (MOH)	7.0
Apparent Density	80.7 lbs per cu. ft.
Specific Gravity	2.65
Oil Absorption	26 lbs of oil per 100 lbs.
Melting Point	3100 F.
% Reflection	87.0
Yellowness Index	5

**PACKING** 50-pound paper bags, 63 bags/pallet

**ORIGIN** USA