

CB MINERALS

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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 ₂)	99.7%
Iron Oxide (Fe ₂ O ₃)	0.025%
Aluminum Oxide (Al ₂ O ₃)	0.10%
Titanium Dioxide (TiO ₂)	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