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BÉCANCOUR PLANT – Québec

Typical Chemical Analysis of White Silica Fume

SiO ₂	98.9%
Fe ₂ O ₃	0.073%
Al ₂ O ₃	0.131%
CaO	0.109%
MgO	0.018%
Na ₂ O	0.10%
K ₂ O	0.008%
C	0.047%
S	0.039%
L.O.I.	0.199%

Typical Physical Characteristics of Silica Fume

Specific surface area (M ² /g)	18 – 20
Specific gravity	2.2
Bulk density (kg/m ³) (undensified)	250 – 300
Bulk density (kg/m ³) (densified)	700
Fineness (avg.dia.) (µm)	≤ 0.1
Percent passing 45 µm (%)	99 – 100
Partical shape	spherical
Form	amorphous
Canadian Standard	CAN/CSA-A23.5-M86