

PRODUCT DATA SHEET

AZUB Bowie Chabazite

Hydrous Calcium Sodium Aluminosilicate, Natural Herschelite - Calcium/Sodium Chabazite

Zeolite Powder

TYPICAL PROPERTIES

Form	Powders
Color	Yellowish Tan (dry brightness 43)
Crystal Size	Less than 1 micron
Crystallinity	50 - 60%
Density	1.73 g/cm ³
Total Pore Volume	.468 cm ³ /g
Surface Area	350 m ² /g
Crystal Void Volume	.47 cm ³ /cm ³
Packing Density	Approx. 577 kg/m ³ (36 lbs/ft ³)
SiO ₂ /Al ₂ O ₃ Ratio	Approx. 4:1
Moisture as Packaged	Less than 12% by Weight
pH of 1% Dispersion	8.5
Stability	pH of 3 through 12
CEC	1.8 MEQ/G

TYPICAL CHEMICAL ANALYSIS (Equilibrated at 20° C and 40% Relative Humidity)

SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	LOI	Dominant Cation
54.6	14.9	2.28	0.22	.6	6.67	.9	19.4	Ca/Na

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PARTICLE SIZE DISTRIBUTION SURFACE AREA

D50	12 – 14 microns
D90	37 – 40 microns
Total Surface Area	350 m ² /g
External Surface Area	65 m ² /g
Average Chabazite Crystallite	.2 microns
Amorphous Silica	35 – 45%

ADVANTAGES OF SCM710 ZEOFUME

- Lightweight: Densities in the range of 1.25 – 1.1 are achievable. Densities variable through changes in water ratios.
- Strength
- Less embedded materials: 20 – 25% less material needed, compared to flyash cement mixtures.
- Cost: Project completion times greatly reduced.
- Superior Zonal Isolation: Avoids the use of packers to mechanically isolate zones.
- Reduction in waste and disposable materials.
- Shorter time on site.

Information herein is accurate to the best of our knowledge. Suggestions are made without warranty or guarantee of results. Before using, user should determine the suitability of the product for his intended use and user assumes the risk and liability in connection therewith. We do not suggest violation of any existing patents or give permission to practice any patented invention without a license.