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**MINERALS**

**Product Information:**

**CHELFORD 52**

**Source:** Lower Withington, Near Chelford, Cheshire  
**Geology:** Glacial Deposit of the Pleistocene Period  
**Description:** Washed and Graded High Silica

**Chemical Analysis:**

	Typical %	Limits %
SiO <sub>2</sub>	97.30	96.00 min
Fe <sub>2</sub> O <sub>3</sub>	0.10	0.12 max
Al <sub>2</sub> O <sub>3</sub>	1.37	1.55 max
K <sub>2</sub> O	0.83	
L.O.I	0.25	0.40 max

**Particle Size Distribution:**

Microns	Typical % Retained Each Sieve	Limit %	Typical % Cumulative Retained	Limit %	Typical % Cumulative Passing	Limit %
1000	0.0	0.1 Max	0.0	0.1 Max	100.0	99.9 Min
710	0.0		0.0	0.5 Max	100.0	99.5 Min
500	0.6		0.6	5.0 Max	99.4	95.0 Min
355	8.4		9.0		91.0	
250	48.3		57.3		42.7	
212	20.9		78.2		21.8	
180	10.7		88.9		11.1	
150	7.4		96.3		3.7	
125	2.5		98.8	96.0 Min	1.2	4.0 Max
90	1.2		100		0	
63	0.0		100		0	
-63	0		100		0	

**AFS Number:** 53  
**Average Grain Size:** 267  
**Grain Shape:** Rounded  
**Loose Bulk Density kg/m<sup>3</sup>:** 1580

This information contained in this sheet does not constitute a specification, but is issued in good faith.