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MINERALS

Product Information:

CONGLETON CHST 50

Source: Bent Farm, Congleton, Cheshire
Geology: Glacial Deposit of the Pleistocene Period
Description: Washed, Surface Treated and Graded Silica Sand

Chemical Analysis:

	Typical %	Limits %
SiO ₂	97.02	96.00 min
Fe ₂ O ₃	0.24	0.30 max
Al ₂ O ₃	1.19	1.50 max
K ₂ O	0.70	
L.O.I	0.24	0.35 max

Particle Size Distribution:

Microns	Typical % Retained Each Sieve	Limit %	Typical % Cumulative Retained	Limit %	Typical % Cumulative Passing	Limit %
1000	0.0	0.3 Max	0.0	0.3 Max	100.0	99.7 Min
710	0.2		0.2		99.8	
500	1.3		1.5	4.0 Max	98.5	96.0 Min
355	9.8		11.3		88.7	
250	39.1		50.4		49.6	
212	28.8		79.2		20.8	
180	14.9		94.1		5.9	
150	5.1		99.2	98.0 Min	0.8	2.0 Max
125	0.6		99.8		0.2	
90	0.2		100.0		0.0	
63	0.0		100.0	99.8 Min	0.00	0.2 Max
-63	0.0	0.2 Max				

	TYPICAL	RANGE/LIMIT
AFS Number:	52	48-55
Acid Demand		
No. of mls N/10 HCL to pH3	2.1	3.5 Max
Average Grain Size:	270 Microns	
Grain Shape:	Well Rounded	
Loose Bulk Density kg/m ³ :	1520	
Clay Content %:	0.1	0.3 max

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