



# pennine aggregates

Suppliers of Bulk & Bagged Aggregates

## CH52 Sand Product Information

### Chemical Analysis:

	Typical %	Limit %
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	
K <sub>2</sub> O	0.83	
LOI	0.25	0.40 Max

### Physical Analysis:

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	
90	1.2		100		0.0	
63	0.0		100		0.0	
-63	0.0		100		0.0	

	Typical	Range / Limit
<b>AFS Number</b>	53	
<b>Average Grain Size</b>	267 Microns	
<b>Grain Shape</b>	Rounded	
<b>Loose Bulk Density kg/m<sup>3</sup></b>	1580	