



pennine aggregates

Suppliers of Bulk & Bagged Aggregates

CHSP30 Sand Product Information

Chemical Analysis:

	Typical %	Limit %
SiO ₂	98.49	97.5 Min
Fe ₂ O ₃	0.09	0.14 Max
Al ₂ O ₃	0.70	
K ₂ O	0.34	
LOI	0.22	0.40 Max

Physical Analysis:

Microns	Typical % Retained Each Sieve	Limit %	Typical % Cumulative Retained	Limit %	Typical % Cumulative Passing	Limit %
1180	0.1	0.3 Max	0.1		99.9	
1000	0.1		0.2	1.0 Max	99.8	99.0 Min
710	0.8		1.0	5.0 Max	99.0	95.0 Min
600	2.1		3.1		96.9	
500	22.0		25.1		74.9	
425	37.7		62.8		37.2	
355	26.6		89.4		10.6	
300	7.9		97.3		2.7	
250	1.6		98.9	96.0 Min	1.1	
180	0.7		99.6	98.5 Min	0.4	
125	0.4		100.0		0.0	
-125	0.0					

	Typical	Range / Limit
Hydraulic Conductivity	2196 mm/hour	
Average Grain Size	458 Microns	
Grain Shape	Rounded	
Loose Bulk Density kg/m ³	1550	
Clay Content %	0.1	0.3 Max