

PFL Slow Filter Sand



Chemical Analysis:

	Typical %
SiO ₂	99.25
Fe ₂ O ₃	0.08
Al ₂ O ₃	0.11
K ₂ O	0.02
LOI	0.11

Physical Analysis:

Microns	Typical % retained each sieve	Limit %	Typical % cumulative retained	Limit %	Typical % cumulative passing	Limit %
1000	15.1	20.0 Max	15.1	20.0 Max	84.9	80.0 Min
710	18.0		33.1		66.9	
500	32.3		65.4		34.6	
355	22.9		88.3		11.7	
250	9.2		97.5		2.5	
180	1.9		99.4	98.0 Min	0.6	2.0 Max
125	0.4		99.8		0.2	
-125	0.2		100		0	

Typical

SG	2.65
Turbidity	<70
AFS Number	28
Average Grain Size	633 Microns
NOMINAL EFFECTIVE SIZE	0.28 mm
UNIFORMITY COEFFICIENT	2
Loose density (damp)	1.6 to 1.65g/cc
Packed Density(damp)	1.80g/cc
Acid Solubility	Less than 0.2%
Colour	Light Beige