

SKC-S

CHEMICAL PROPERTIES

XRF Verified

SiO₂	%	53.7
Al₂O₃	%	27.4
Fe₂O₃	%	2.30
Ti₂O₃	%	2.75
CaO	%	0.27
MgO	%	0.23
K₂O	%	1.69
Na₂O	%	0.02
LOi	%	11.5

Total		99.86
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PHYSICAL PROPERTIES

Partical Size Distribution by SediGraph

< 7um	%	89.9
< 5um	%	86.0
< 2um	%	71.4
< 1um	%	60.3

Sieve Residue-wet Retention

> 125um	%	0.11
> 75um	%	0.05
> 45 um	%	0.06
Cumulative>45	%	0.21

MBI	mg g ⁻¹	36.6
Sulphate	ppm	22.9
pH		7.4
Conductivity	uS	208
Soluble Salt	ppm	540
MoR(extruded)	Kg cm ⁻²	74.2
MoR(Dry)		28.8
WABS	%	2.25
	L*	50.0
Colour	a*	3.49
	b*	24.0
Shrinkage	%	10.2