

YG-1

USE'S

CHEMICAL PROPERTIES

XRF Verified

SiO₂	%	53
Al₂O₃	%	23.8
Fe₂O₃	%	3.38
Ti₂O₃	%	2.77
CaO	%	0.68
MgO	%	0.87
K₂O	%	0.65
Na₂O	%	0.33
LOi	%	7.83

Total 98.31

PHYSICAL PROPERTIES

Partical Size Distribution by SediGraph

< 7um	%	-
< 5um	%	-
< 2um	%	-
< 1um	%	-

Sieve Residue-wet Retention

> 125um	%	-
> 75um	%	-
> 45 um	%	-
Cumulative>45	%	-

MBI	mg g ⁻¹	48.6
Sulphate	ppm	681.7
pH		7.4
Conductivity	uS	218
Soluble Salt	ppm	1,860
MoR(extruded)	Kg cm ⁻²	-
MoR(Dry)		38.4
WABS	%	3.05
	L*	55.3
Colour	a*	6.10
	b*	19.47
Shrinkage	%	10.3