

UBC-1

USE'S

- Ceramic products
- Tiles
- Crockery Items
- Table Ware
- Tyre's
- Glass
- Insulators

CHEMICAL PROPERTIES

XRF Verified

SiO₂	%	51.7
Al₂O₃	%	31.3
Fe₂O₃	%	0.86
Ti₂O₃	%	1.72
CaO	%	0.17
MgO	%	0.21
K₂O	%	0.44
Na₂O	%	0.12
LOi	%	11.6

PHYSICAL PROPERTIES

Partical Size Distribution by SediGraph

< 7um	%	93.3
< 5um	%	92.3
< 2um	%	86.8
< 1um	%	80.5

Sieve Residue-wet Retention

> 125um	%	1.27
> 75um	%	1.16
> 45 um	%	0.57
Cumulative>45	%	2.99

MBI	mg g-1	40.4
Sulphate	ppm	631.6
pH		7.5
Conductivity	uS	1,866
Soluble Salt	ppm	1,120
MoR(extruded)	Kg cm-2	-
MoR(Dry)		38.2
WABS	%	3.29
	L*	81.2
Colour	a*	1.32
	b*	12.9
Shrinkage	%	13.0