



N-1 Mix

USE'S

- Ceramic products
- GVT/PGVT Tiles
- Crockery Items
- Insulators

CHEMICAL PROPERTIES

XRF Verified

SiO₂	%	50.6
Al₂O₃	%	30.8
Fe₂O₃	%	2.00
Ti₂O₃	%	1.65
CaO	%	0.16
MgO	%	0.19
K₂O	%	0.80
Na₂O	%	0.92
LOi	%	12.1

Total 99.22

PHYSICAL PROPERTIES

Partical Size Distribution by SediGraph

< 7um	%	95.1
< 5um	%	93.9
< 2um	%	86.0
< 1um	%	79.4

Sieve Residue-wet Retention

> 125um	%	1.26
> 75um	%	0.72
> 45 um	%	1.57
Cumulative>45	%	3.55

MBI	mg g ⁻¹	39.3
Sulphate	ppm	532.2
pH		7.3
Conductivity	uS	1,744
Soluble Salt	ppm	1,230
MoR(extruded)	Kg cm ⁻²	-
MoR(Dry)		28.9
WABS	%	2.93
	L*	65.8
Colour	a*	2.6
	b*	14.3
Shrinkage	%	12.4