



DN-1

USE'S

- Ceramic products
- GVT/PGVT Tiles
- Refractory
- Tyre's
- Glass
- Insulators

CHEMICAL PROPERTIES

XRF Verified

SiO₂	%	49.5
Al₂O₃	%	31.0
Fe₂O₃	%	2.17
Ti₂O₃	%	1.51
CaO	%	0.23
MgO	%	0.22
K₂O	%	0.57
Na₂O	%	0.11
LOi	%	12.7
Total		98.0

PHYSICAL PROPERTIES

Partical Size Distribution by SediGraph

< 7um	%	96.6
< 5um	%	95.9
< 2um	%	89.3
< 1um	%	82.1

Sieve Residue-wet Retention

> 125um	%	2.04
> 75um	%	1.16
> 45 um	%	0.56
Cumulative>45	%	3.76

MBI	mg g ⁻¹	38.6
Sulphate	ppm	665
pH		7.3
Conductivity	uS	1,792
Soluble Salt	ppm	1,100
MoR(extruded)	Kg cm ⁻²	-
MoR(Dry)		34.4
WABS	%	2.37
	L*	66.5
Colour	a*	1.26
	b*	12.9
Shrinkage	%	12.8