



## TECHNICAL DATA SHEET

Product: Feldspar (UFPF-7lm)

Clients:



Uses: Ceramics | Sanitary Ware | Porcelain Tiles

Chemical Analysis		
Oxide	Percentage (%)	Tolerance (%)
K <sub>2</sub> O	5.0	±0.5
Na <sub>2</sub> O	4.0	±0.5
Fe <sub>2</sub> O <sub>3</sub>	0.35	±0.03
TiO <sub>3</sub>	<0.07	
Al <sub>2</sub> O <sub>3</sub>	15.0	±0.5
SiO <sub>2</sub>	73.0	±1.0
CaO	0.5	±0.2
MgO	<0.06	
P <sub>2</sub> O <sub>5</sub>	0.01	
MnO	0.02	
L.O.I	0.3	±0.1

Physical Test Report		
SI.NO.	Parameters	Specification
1	Partial Size	0.0 - 850 Micron
2	Moisture	<0.5%
3	Acid Test in 20% HCL	No Effervescence
4	Sample Firing Temperature Cycle Time	1220°C, 8 hours cycle in lab Muffle Furnace
5	Firing Results	L Value >65
		A Value <5.0
		B Value <6.0

Particle Size Distribution					
Size (micron)	0.0-75	75-100	150-500	500-850	+850
Percentage (%)	10	13	63	12	2