



TECHNICAL DATA SHEET

Product: Feldspar (UFPF-7ia)

Clients:



RAK
CERAMICS

Uses: Porcelain Tiles | Sanitary Ware

Chemical Analysis			
Oxide	Percentage (%)	Tolerance (%)	
K ₂ O	6.1	±0.5	Total Alkali > 10%
Na ₂ O	4.1	±0.5	
Fe ₂ O ₃	<0.3		±0.03
TiO ₃	<0.08		
Al ₂ O ₃	14.5		±0.5
SiO ₂	73.5		±1.0
CaO	0.5		±0.2
MgO	<0.09		
P ₂ O ₅	0.01		
MnO	0.02		
L.O.I	0.4		±0.1

Physical Test Report			
SI.NO.	Parameters	Specification	
1	Partial Size	0.0 - 5.0 mm	
2	Moisture	<1.0%	
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	70 (±0.1)
		A Value	<5.0
		B Value	<5.0