TECHNICAL DATA SHEET

Product: Feldspar (UFPF-9S)

NEW FACILITY · AVAILABLE Q1 2027 | CERAMICS

Premium Grade A (Coarse)

Uses: Sanitary Ware | Insulators (Alkali Booster)

Chemical Analysis

Oxide	Percentage (%)	Tolerance (%)
K_2O	10.5	±0.05
Na_2O	2.8	±0.05
Fe_2O_3	0.1	±0.05
TiO_2	<0.08	
Al_2O_3	16.0	±0.5
SiO_2	69.0	±1.0
CaO	0.6	±0.2
MgO	<0.09	
P_2O_5	0.01	
MnO	0.02	
L.O.I	0.4	±0.1

Physical Test Report

Sl.NO.	Parameters		Specification
1	Particle Size		3 - 8 mm
2	Moisture		<0.5%
3	Acid Test in 20% HCL		No Effervescence
4	Sample Firing Temperature Cycle Time		1150°C, 8 hours cycle in lab Muffle Furnace
5	Firing Results	L Value	70 - 74
		A Value	3 - 4
		B Value	4 - 4.5

Indicative fired colour (CIELAB, typical: L 72)

Values shown are typical. A certificate of analysis accompanies each shipment.