TECHNICAL DATA SHEET

Product: Feldspar (UFPF-6Z)

NEW FACILITY · AVAILABLE Q1 2027 | CERAMICS

Glaze Fine Grade

Uses: Glaze for Red Body Tiles

Chemical Analysis

Oxide	Percentage (%)	Tolerance (%)
K_2O	>4.0	
Na_2O	>3.5	
Fe_2O_3	0.4	±0.05
TiO_2	<0.08	
Al_2O_3	15.5	±1.5
SiO_2	75.2	±1.5
CaO	0.5	±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		Below 150 Micron
2	Moisture		<0.5%
3	Acid Test in 20% HCL		No Effervescence
4	Sample Firing Temperature Cycle Time		1320°C, 8 hours cycle in lab Muffle Furnace
5	Firing Results	L Value	60 - 65
		A Value	<5.0
		B Value	<6.0

Indicative fired colour (CIELAB, typical: L 62.5)

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