



CHIRAG INTERNATIONAL

Minerals & Industrial Raw Materials
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TECHNICAL DATA SHEET

Potassium Feldspar Powder

PRODUCT INFORMATION

Product Name	Potassium Feldspar Powder
Product Code	PF-01
Grade	Industrial / Ceramic Grade
Origin	India (Rajasthan)
CAS Number	68476-25-5

AVAILABLE MESH SIZES

BSS 150 Mesh	105 Microns
BSS 200 Mesh	74 Microns
BSS 250 Mesh	60 Microns
BSS 325 Mesh	44 Microns
Custom Sizes	Available as per customer requirement

CHEMICAL & PHYSICAL ANALYSIS

CHEMICAL ANALYSIS			PHYSICAL PROPERTIES	
Compound	Formula	Result	Property	Result
Loss on Ignition	LOI (1025°C)	0.25% (±0.10%)	Firing Whiteness	—
Silica	SiO ₂	67.00% (±1%)	L-Value	—
Iron Oxide	Fe ₂ O ₃	0.06% (±0.01%)	a-Value	—
Alumina	Al ₂ O ₃	18.00% (±0.20%)	b-Value	—
Potash	K ₂ O	11.50% (±0.15%)	Whiteness @ 1220°C × 20 min	55%
Soda	Na ₂ O	2.75% (±0.10%)	Shrinkage	—
Calcium Oxide	CaO	0.10% <	Fired Temperature	1220°C
Titanium Dioxide	TiO ₂	0.10% <	Powder Colour	—
Moisture	H ₂ O	—	—	—
Magnesium Oxide	MgO	0.10% <	—	—
Total Alkalies	K ₂ O + Na ₂ O	14%+	—	—