



# Technical Data Sheet — Potassium Feldspar (200 mesh)

Issue date: 02 Sep 2025 |

Revision: 1.0

Ceramic-grade K-Feldspar with stable fluxing properties for tiles and sanitaryware.

**Supplier:** Wishco Minerals (Division of Wishco Global Private Limited) — Bikaner, Rajasthan, India.

**Contact:** info@wishcoglobal.com | +91 9414014266 / +91 7734014266

## Chemical Composition (Typical)

Parameter	Typical/Limit
$K_2O$	10–12 %
$Na_2O$	2–4 %
$SiO_2$	65–70 %
$Al_2O_3$	16–18 %
$Fe_2O_3$	$\leq 0.50$ %
CaO + MgO	$\leq 2.00$ %
LOI	$\leq 0.50$ %

## Physical Properties

Parameter	Typical/Limit
Whiteness ( $L^*$ value)	$> 85$
Moisture	$\leq 0.5$ %
Bulk Density	1.55–1.75 g/cc

Mesh/Micron	200 mesh (74 µm)
-------------	------------------

## Applications

- Ceramic tiles
- Sanitaryware
- Tableware
- Glazes & frits

## Packaging & Dispatch

- 50 kg bags
- 1 MT jumbo bags
- Palletization available

**Notes:** Above values are typical and may vary with deposit and processing. COA/Lab reports can be provided per shipment. Packaging can be customized. Ensure safe handling per SDS.



# Technical Data Sheet — Potassium Feldspar (325 mesh)

Issue date: 02 Sep 2025 |  
Revision: 1.0

Fine 325-mesh K-Feldspar for premium glaze consistency and smooth surfaces.

**Supplier:** Wishco Minerals (Division of Wishco Global Private Limited) — Bikaner, Rajasthan, India.

**Contact:** info@wishcoglobal.com | +91 9414014266 / +91 7734014266

## Chemical Composition (Typical)

Parameter	Typical/Limit
$K_2O$	10–12 %
$Na_2O$	2–4 %
$SiO_2$	65–70 %
$Al_2O_3$	16–18 %
$Fe_2O_3$	$\leq 0.40$ %
CaO + MgO	$\leq 2.00$ %
LOI	$\leq 0.50$ %

## Physical Properties

Parameter	Typical/Limit
Whiteness ( $L^*$ value)	$> 87$
Moisture	$\leq 0.4$ %
Bulk Density	1.55–1.70 g/cc

Mesh/Micron	325 mesh (44 µm)
-------------	------------------

## Applications

- Ceramics (premium glaze)
- Polished tiles
- Engobes & frits

## Packaging & Dispatch

- 25/50 kg bags
- 1 MT jumbo bags
- Palletization & shrink-wrap

**Notes:** Above values are typical and may vary with deposit and processing. COA/Lab reports can be provided per shipment. Packaging can be customized. Ensure safe handling per SDS.



# Technical Data Sheet — Quartz Powder

Issue date: 02 Sep 2025 |  
Revision: 1.0

Consistent whiteness and hardness; suitable for foundry, abrasives, glass and water purification.

**Supplier:** Wishco Minerals (Division of Wishco Global Private Limited) — Bikaner, Rajasthan, India.

**Contact:** info@wishcoglobal.com | +91 9414014266 / +91 7734014266

## Chemical Composition (Typical)

Parameter	Typical/Limit
SiO <sub>2</sub>	≥ 97–99 %
Fe <sub>2</sub> O <sub>3</sub>	≤ 0.50 %
Al <sub>2</sub> O <sub>3</sub>	≤ 1.00 %
CaO + MgO	≤ 0.70 %
K <sub>2</sub> O + Na <sub>2</sub> O	≤ 1.00 %
LOI	≤ 0.50 %

## Physical Properties

Parameter	Typical/Limit
Whiteness (L* value)	> 88
Moisture	≤ 0.5 %
Bulk Density	1.45–1.70 g/cc
Mesh/Micron	200/325 mesh; micronized grades available

# Applications

- Foundry & refractories
- Abrasives
- Glass & silica sand substitute
- Water purification media

# Packaging & Dispatch

- 25/50 kg bags
- 1 MT jumbo bags
- Palletized option

**Notes:** Above values are typical and may vary with deposit and processing. COA/Lab reports can be provided per shipment. Packaging can be customized. Ensure safe handling per SDS.



# Technical Data Sheet — Quick Lime (CaO)

Issue date: 02 Sep 2025 |  
Revision: 1.0

High-reactivity calcium oxide for steel, construction and water treatment.

**Supplier:** Wishco Minerals (Division of Wishco Global Private Limited) — Bikaner, Rajasthan, India.

**Contact:** info@wishcoglobal.com | +91 9414014266 / +91 7734014266

## Chemical Composition (Typical)

Parameter	Typical/Limit
CaO	≥ 85–90 %
MgO	≤ 3.0 %
SiO <sub>2</sub>	≤ 3.0 %
Fe <sub>2</sub> O <sub>3</sub>	≤ 0.5 %
Al <sub>2</sub> O <sub>3</sub>	≤ 1.0 %
CO <sub>2</sub> (as CaCO <sub>3</sub> )	≤ 5.0 %

## Physical Properties

Parameter	Typical/Limit
Reactivity (ASTM)	High
Moisture	≤ 0.8 %
Size	Powder / granular as specified
Bulk Density	1.10–1.30 g/cc

## Applications

- Steel refining
- Construction
- Water treatment
- Sugar industry

## Packaging & Dispatch

- 25/50 kg bags
- 1 MT jumbo bags
- Moisture-barrier lining

**Notes:** Above values are typical and may vary with deposit and processing. COA/Lab reports can be provided per shipment. Packaging can be customized. Ensure safe handling per SDS.



# Technical Data Sheet — Silica Powder

Issue date: 02 Sep 2025 |  
Revision: 1.0

High-purity Silica Powder for foundry, paints, plastics and filtration applications.

**Supplier:** Wishco Minerals (Division of Wishco Global Private Limited) — Bikaner, Rajasthan, India.

**Contact:** info@wishcoglobal.com | +91 9414014266 / +91 7734014266

## Chemical Composition (Typical)

Parameter	Typical/Limit
SiO <sub>2</sub>	≥ 98–99 %
Fe <sub>2</sub> O <sub>3</sub>	≤ 0.40 %
Al <sub>2</sub> O <sub>3</sub>	≤ 0.80 %
CaO + MgO	≤ 0.60 %
Na <sub>2</sub> O + K <sub>2</sub> O	≤ 0.50 %
LOI (1000°C)	≤ 0.50 %

## Physical Properties

Parameter	Typical/Limit
Whiteness (L* value)	> 90
Moisture	≤ 0.5 %
Bulk Density	1.45–1.65 g/cc
Mesh/Micron	200/325 mesh (custom micronized on request)

## Applications

- Foundry fluxes
- Paints & coatings
- Plastics/fillers
- Filtration media
- Glass

## Packaging & Dispatch

- 25 kg / 50 kg HDPE-laminated bags
- 1 MT jumbo bags
- Palletized & shrink-wrapped (optional)

**Notes:** Above values are typical and may vary with deposit and processing. COA/Lab reports can be provided per shipment. Packaging can be customized. Ensure safe handling per SDS.



# Technical Data Sheet — Sodium Feldspar

Issue date: 02 Sep 2025 |  
Revision: 1.0

Glass and ceramic applications with controlled Na<sub>2</sub>O content; low iron.

**Supplier:** Wishco Minerals (Division of Wishco Global Private Limited) — Bikaner, Rajasthan, India.

**Contact:** info@wishcoglobal.com | +91 9414014266 / +91 7734014266

## Chemical Composition (Typical)

Parameter	Typical/Limit
Na <sub>2</sub> O	6–8 %
K <sub>2</sub> O	2–4 %
SiO <sub>2</sub>	66–70 %
Al <sub>2</sub> O <sub>3</sub>	18–20 %
Fe <sub>2</sub> O <sub>3</sub>	≤ 0.50 %
CaO + MgO	≤ 1.50 %
LOI	≤ 0.50 %

## Physical Properties

Parameter	Typical/Limit
Whiteness (L* value)	> 86
Moisture	≤ 0.4 %
Bulk Density	1.55–1.75 g/cc

Mesh/Micron	200/325 mesh; micronized on request
-------------	-------------------------------------

## Applications

- Glass
- Ceramics
- Frits & glazes

## Packaging & Dispatch

- 25/50 kg bags
- 1 MT jumbo bags
- Palletized

**Notes:** Above values are typical and may vary with deposit and processing. COA/Lab reports can be provided per shipment. Packaging can be customized. Ensure safe handling per SDS.