

VASTTRADEZI'S

FELDSPAR POTASH/SODA



Vasttradezi

Our Passion For Your Satisfaction



PRESENTED BY

VASTTRADEZI LLP

INTRODUCTION

Feldspar is one of the most common minerals used in the ceramic and glass industries. It is an alkali-bearing aluminosilicate corresponding to the empirical formula $R_2O, AlO_3, 6SiO_2$, where R represents an alkali metal. As none of the feldspar group of minerals is found pure, potash feldspar always contains some soda feldspar and vice-versa with varying amounts of free quartz, iron oxide and traces of lime and magnesia resulting in a range of colors.

Market Experience & Export Track Record:

Experiences : +39 year in mining business

Export : +700 to 2000 M.T. / Month

Major Industry Where We Are Trusted Vendor: sanitary ware, ceramic tile

VASTTRADEZI's infrastructure

Manufacturing Units:

- 1) Automatic Electromagnet Unit: 01
- 2) Processing Units: 08
- 3) Mine Area: 20 Hecter of approved land & 10 Hecter of reserve land

+ Point of VASTTRADEZI

- 1) Own mining and processing units'
- 2) Own infrastructure Trusted and skilled employed Inhouse Q.C. team, Research and development team
- 3) Trusted partner in logistic/Exim solution

Production Capacity:

Raw Feldspar: +5000 M.T. / Month

Process Feldspar: +3500 M.T. / Month



Mining 1



Spectro meter - L, A, B Value - Testing Machine



Diffuse Reflectance Meter - Whiteness Testing Machine





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Feldspar APPLICATION:



CERAMICS INDUSTRY



GLASS INDUSTRY



PAPER INDUSTRY



PAINT INDUSTRY



RUBBER INDUSTRY



PLASTICS INDUSTRY



INK INDUSTRY



PORTLAND CEMENT INDUSTRY



CATALYSTS INDUSTRY



COSMETIC INDUSTRY

PRODUCT NAME : POTASSIUM FELDSPAR (KM)
ITEM FORM : POWDER
COLOR : WHITE/CREMISH
MESH : #200 / #300
DATE OF RECEIVED : 05.01.2024
ORIGIN COUNTRY : INDIA
HS CODE : 25291020



Chemical Analysis (Wet Process)

CHEMICAL COMPOUNDS

RESULT %

SiO ₂ %	66.34
Al ₂ O ₃ %	18.01
Fe ₂ O ₃ %	0.06
TiO ₂ %	0.02
CaO %	0.81
MgO %	0.11
K ₂ O %	11.54
Na ₂ O %	2.11
Loss On Ignition %	0.71

Physical Properties

NAME OF TEST

RESULT

Shrinkage %	15.45
L*	82.18
a*	1.06
b*	5.71
Whiteness	61.45
Temperature C	1184/1190
Cycle Min.	50

** The figures given in the data sheet are mean representative values. Due to minerals being natural product, the specification in this data sheet may not be treated as warranty.

VASTTRADEZI LLP

Address: Shop No. 44, Royal Heights, Vaishnadevi Cross Road, SP Ring Road, Khodiyar, Ahmedabad-382421, Gujarat, India.
Branch Office: Survey No. 39, Plot No. 2, Everest Ceramic Zone, Behind Akash Ceramic, Lalpar, Morbi-363642, Gujarat, India.
IEC No.: AAUFV9132E, GST No.: 24AAUFV9132E1ZU, CIN / LLP Identification Number: AAZ-3504
|M| +917096561609 |M| +919998883419 |E| info@vasttradezi.com |W| www.vasttradezi.com

PRODUCT NAME : POTASSIUM FELDSPAR (VT-R10)
ITEM FORM : POWDER
COLOR : WHITE/CREMISH
MESH : #200 / #300
DATE OF RECEIVED : 18.05.2024
ORIGIN COUNTRY : INDIA
HS CODE : 25291020



Chemical Analysis (Wet Process)

CHEMICAL COMPOUNDS

RESULT %

SiO ₂ %	66.47
Al ₂ O ₃ %	19.09
Fe ₂ O ₃ %	0.13
TiO ₂ %	Trace
CaO %	0.71
MgO %	0.19
K ₂ O %	10.79
Na ₂ O %	2.44
Loss On Ignition %	0.15

Physical Properties

NAME OF TEST

RESULT

Shrinkage %	12.56
L*	79.10
a*	0.5
b*	7.9
Whiteness	56.40
Temperature C	1184/1190
Cycle Min.	50

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PRODUCT NAME : POTASSIUM FELDSPAR (VT-S11)
 ITEM FORM : POWDER
 COLOR : WHITE/CREMISH
 MESH : #200
 DATE OF RECEIVED : 14.06.2024
 ORIGIN COUNTRY : INDIA
 HS CODE : 25291020



Chemical Analysis (Wet Process)

CHEMICAL COMPOUNDS

RESULT %

SiO ₂ %	66.79
Al ₂ O ₃ %	18.01
Fe ₂ O ₃ %	0.05
TiO ₂ %	0.02
CaO %	0.81
MgO %	0.21
K ₂ O %	11.36
Na ₂ O %	2.15
Loss On Ignition %	0.6

Physical Properties

NAME OF TEST

RESULT

Shrinkage %	15.45
L*	82.18
a*	1.06
b*	5.71
Whiteness	61.45
Temperature C	1184/1190
Cycle Min.	50

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PRODUCT NAME : SODA FELDSPAR (VT-S11)
ITEM FORM : POWDER
COLOR : WHITE
MESH : #200
DATE OF RECEIVED : 21.03.2024
ORIGIN COUNTRY : INDIA
HS CODE : 25291020



Chemical Analysis (Wet Process)

CHEMICAL COMPOUNDS

RESULT %

SiO ₂ %	68.71
Al ₂ O ₃ %	19.13
Fe ₂ O ₃ %	0.11
TiO ₂ %	Trace
CaO %	0.73
MgO %	0.21
K ₂ O %	0.37
Na ₂ O %	10.14
Loss On Ignition %	0.57

Physical Properties

NAME OF TEST

RESULT

Shrinkage %	13.01
L*	81.30
a*	0.50
b*	6.70
Whiteness	60.10
Temperature C	1180/1200
Cycle Min.	50

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PRODUCT NAME : SODA FELDSPAR (VT-R10)
ITEM FORM : POWDER
COLOR : WHITE
MESH : #200
DATE OF RECEIVED : 21.03.2024
ORIGIN COUNTRY : INDIA
HS CODE : 25291020



Chemical Analysis (Wet Process)

CHEMICAL COMPOUNDS

	<u>RESULT %</u>
SiO ₂ %	70.47
Al ₂ O ₃ %	18.66
Fe ₂ O ₃ %	0.13
TiO ₂ %	Trace
CaO %	0.77
MgO %	0.29
K ₂ O %	1.13
Na ₂ O %	8.09
Loss On Ignition %	0.36

Physical Properties

NAME OF TEST

	<u>RESULT</u>
Shrinkage %	13.40
L*	82.30
a*	0.4
b*	7.8
Whiteness	60.4
Temperature C	1184/1190
Cycle Min.	50

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