



KMI ZEOLITE PRODUCT GUIDE

2022

TECHNICAL DATA

General Chemical Formula	Na6[Al6Si30O72]24H2O
Clinoptilolite Content	97%+
Cation Exchange Capacity (CEC)	1.6 - 2.0 meq/g
1.6 - 2.0 meq/g	Granules and powders
Shape	Angular
Color	Beige / Gray
Beige / Gray	4.0 - 7.0 angstroms
Specific Gravity	1.89
Specific Surface Area	40m2/g
Bulk Density	45 - 54 lbs/ft3
pH stability	3.0-10.00
Hardness	4.0 - 5.0 Mohs
Swelling Index	Nil

CERTIFICATIONS / DESIGNATIONS

Organic Materials Review Institute - KMI-10365

TSCA (USA - Toxic Substance Control Act) : No components listed.

U.S. Food and Drug Administration (USFDA) : GRAS (Generally Recognized as Safe)

Federal Code 21 CFR Part 582.2729

Federal Code 21 CFR Part 182.2729

40 CFR, Part 180.1001 : Exemptions from the requirement of pesticide tolerance

EN-71-3 Safety of Toys Part 3 - Migration of Certain Elements Results - PASS

CDFA Fertilizing Materials Licensee Firm ID # : 406763

CDFA Commercial Feed ID # : 441299

CDFA Fertilizing Materials ID # : 465901

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986 : There are no chemicals present known to the state of California to cause cancer or reproductive toxicity.

*Information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information.



(KMI Clinoptilolite Zeolite)

KMI 100- US MESH



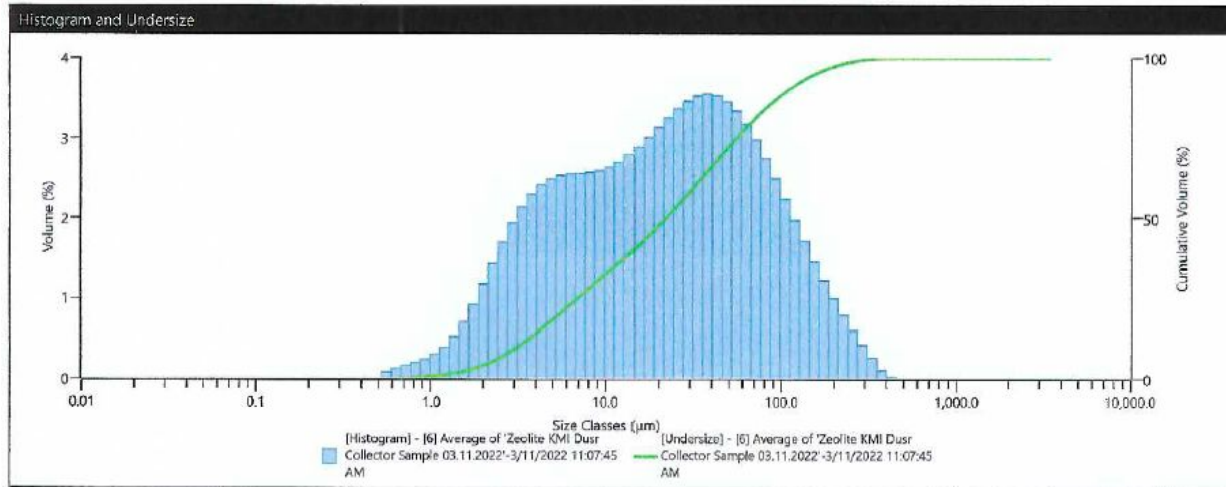
KMI 100- US mesh is an air classified zeolite dust, currently available in bulk totes.

Particle size range that is 99% passing 100 mesh (150 micron and smaller)

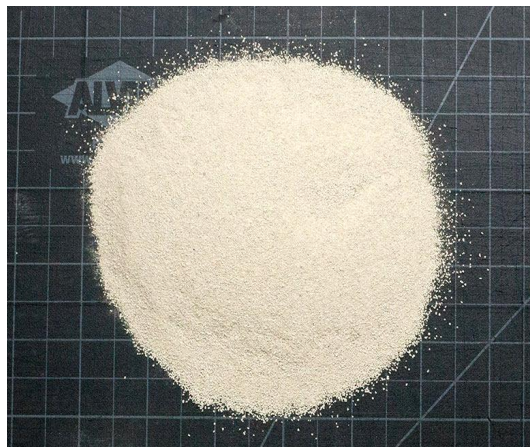
SPECIFICATIONS

- 99% < 100 MESH
- 67%+ < 325 MESH
- MEDIAN SIZE ~ 50 MICRON
- MOISTURE CONTENT < 10%

PACKAGING OPTIONS: Tote Bag.



KMI 30- US MESH



DESCRIPTION:

KMI 30- US mesh is a coarse powder, collected during the granulation process and available in various packaging options. Particle size range is 90% passing 30 mesh (0.7mm and smaller)

APPLICATIONS: Agriculture, Feed, Ion Exchange, Remediation

PACKAGING: Super Sack, 50lb blank paper bags, 5 & 20 lb printed poly bags.

SPECIFICATIONS

- 90% < 0.7 MM
- MEDIAN SIZE ~ 60 US MESH
- MOISTURE CONTENT < 10%



KMI 14X30 US MESH



DESCRIPTION:

KMI 14x30 is a fine granular range that is crushed, sorted, triple screened, then screened again for dust in our granulation process. Particle size ranges between 14 & 30 US MESH (between 0.6 - 1.4 mm)

APPLICATIONS: Filtration, Absorption, Ion Exchange, Remediation, Extinguishing

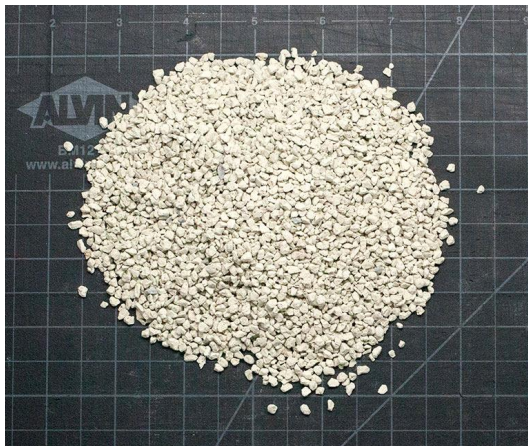
PACKAGING: Super Sack, 50lb blank poly bag, 5 & 20 lb printed poly bags.

SPECIFICATIONS

- 95% < 1.4 MM
- 95% > 0.6 MM
- MEDIAN SIZE ~ 1 MM
- MOISTURE CONTENT < 10%



KMI 8X14 US MESH



DESCRIPTION

KMI 8x14 is a medium granular range that is crushed, sorted, triple screened, then screened again for dust in our granulation process. Particle size ranges between 8 & 14 US MESH (between 1.4 - 2.4mm)

APPLICATIONS: Filtration, Ion Exchange, Ice Melt, Remediation, Agriculture

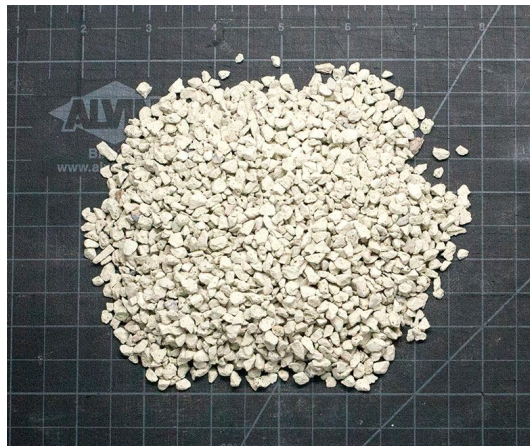
PACKAGING: Super Sack, 50lb blank poly bag, 5 & 20 lb printed poly bags.

SPECIFICATIONS

- 95% < 2.4 MM
- 95% > 1.4 MM
- MEDIAN SIZE ~ 1.9 MM
- MOISTURE CONTENT < 10%



KMI 4X8 US MESH



DESCRIPTION

KMI 4x8 is a medium granular range that is crushed, sorted, triple screened, then screened again for dust in our granulation process. Particle size ranges between 4 & 8 US MESH (between 2.4 - 4.8mm)

APPLICATIONS: Filtration, Ion Exchange, Absorption, Remediation, Agriculture

PACKAGING: Super Sack, 50lb blank poly bag, 5 & 20 lb printed poly bags.

SPECIFICATIONS

- 95% < 4.8 MM
- 95% > 2.4 MM
- MEDIAN SIZE ~ 3.6 MM
- MOISTURE CONTENT < 10%



SHIPPING SPECIFICATIONS



PICKUP INFORMATION

**5390 E Nye County Rd #266
Amargosa Valley, NV 89020**

LOADING HOURS

7:30am - 3:30 pm
Mon - Thurs.

Incoming trucks for FTL must weigh in at a maximum net weight of 34,500 lbs.

Maximum outgoing weight is 80,000 lbs. A full truckload of metric tons plus pallets comes in at 45,080.

	LBS	DIMENSIONS	UNITS / PALLET
PALLET	50	48x40x6	1
SUPER SACK (STANDARD)	2000	36x36x48 tall	1
SUPER SACK (METRIC)	2204	36x36x48 tall	1
BLANK POLY BAG	50	14.75 x 5 x 29.25" .6mil	40 - 44
BLANK PAPER BAG	50	14.5 x 6 x 28" .6mil	40 - 44
PRINTED POLY BAG SM	5	9 x 13.5" .4mil	280
PRINTED POLY BAG LRG	20	14" x 20" .6mil	100 - 110

CAS Registration	12173-10-3
NAICS CODE	2123
HS CODE	2505.10.0099

Shipping Class	50
CBM (Cubic Meters)	1.5
NMFC#	48515

Custom particle distributions available

- Run of Mine
- 1" Minus
- Out of Spec

Call or email us for more information or for a quote on your particular project.

sales@kmizeolite.com

(855) 823 - 3777