

# ZEOLITE MORDENITE - Na FORM

**MORDENITE** is considered a one-dimensional zeolite containing straight 12-membered ring channels of  $7 \times 6.5 \text{ \AA}$ , and smaller 8 membered ring side pockets. Acidity can be introduced by converting the as synthesized sodium form into the proton form by ion-exchange. Mordenite is characterized by its large pore size, strong acidity, and high thermal and chemical stability.

## TECHNICAL DATA

Properties	Chemical and Physical Characteristics		
	unit	Typical Value	Guarantee Value
LOI (1000° C, 1h)	%		max 20
Molar ratio $\text{SiO}_2/\text{Al}_2\text{O}_3$			11-18
D50	$\mu\text{m}$	2	1 - 5
Na	%	1	max 8
pH (10% water suspension)			$11 \pm 1$
Visual inspection			White powder
Crystallinity XRD	%	100	95 min

The above values have been determined by the measuring methods and instruments of Alumina doo Zvornik.

## APPLICATIONS

**Mordenite** is generally used in alkylation, dewaxing, reforming, hydrocracking, catalysis, separation, and purification reactions, although the application is not limited on mentioned.

## PACKAGING

We offer different types of packaging depending on your production needs:

Type of packing	Bulk (t)	Big bags (kg)	
Logistic units	Silo truck	Per pallet	Big bags - different types
Mass per logistic unit	25	450, 500	

Specific type of packaging can be offered on demand

## LOGISTICS

In order to meet your requirements in terms of delivery, we offer different logistic solutions. Our basic offer in terms of TRANSPORTATION is:

Type of Transportation	Road transportation	Rail transportation
Packaging	In bulk or in bags on pallet.	In bulk or in bags on pallet.

Other type of delivery on demands.



**alumina**

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