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ZEOLITE ZSM – 5

ZSM-5 zeolites have a unique structural characteristics, high Si/Al ratio and high thermal and chemical stability of this material make it irreplaceable for a number of chemical and industrial processes. Through the process of ion exchange, it is possible to convert the material into H-form or apply other ions.

Technical data

Properties	Chemical and Physical Characteristics		
	unit	Typical Value	Guarantee Value
LOI (1000 °C, 1h)	%	13	15 max
Molar ratio SiO ₂ /Al ₂ O ₃ ,		380	340-460
D50	µm	2	1 - 5
Na	%	1	2 max
Crystallinity XRD	%	100	95 min

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

Applications

ZSM-5 has a significant application in the oil refining and petrochemical industries. It is widely used as a catalyst for hydrocarbon isomerization reactions, such as catalytic cracking and the production of gasoline and diesel fuel. In addition, it is used in medicine, agriculture, etc.

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.