TECHNICAL DATA SHEET

ZSM-35 Molecular Sieve

Microporous molecular sieve · H^+ form · SiO_2/Al_2O_3 ~15 / ~20 / ~30 / ~50 · BET ~300 m^2/g · this product will be discontinued after supply lasts



ACS Material ZSM-35 — Representative Packaging

ACS Material ZSM-35, Powder (SiO_2/Al_2O_3 ~15), 20 g. Image shown for reference.

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Revision Date **10/29/2026**

SECTION I

Product Overview

ACS Material ZSM-35 is a microporous molecular sieve supplied as a powder in the H^+ form, with a pore diameter of 0.5–0.6 nm, a BET surface area of ~300 m^2/g, Na_2O <0.1 wt% and crystallinity >95%. Four SiO_2/Al_2O_3 molar ratio grades are listed: ~15, ~20, ~30 and ~50. The product is calcined and ready to use directly.

This product will be discontinued after supply lasts. Its specifications are retained in this data sheet for reference.

SECTION II

Core Advantages

- **Four grades** — SiO_2/Al_2O_3 ~15 / ~20 / ~30 / ~50.
- **Surface area** — BET ~300 m^2/g.
- **Low sodium** — Na_2O <0.1 wt%.
- **H^+ form** — acid form, calcined.
- **High crystallinity** — >95%.
- **Ready to use** — calcined; ready to use directly.

SECTION III

Specifications

Technical data

Specifications	
Product name	ZSM-35 Molecular Sieve
Brand	ACS Material
CAS No.	1318-02-1
Supplied	Calcined, ready to use directly
Preparation method	Hydrothermal Method

Characterizations (all grades)

Characterizations	ZSM-35
Form	Powder
Pore diameter (nm)	0.5–0.6
SiO_2/Al_2O_3 molar ratio	~15 / ~20 / ~30 / ~50
Cation	H^+
BET surface area (m^2/g)	~300
Na_2O (wt%)	<0.1
Crystallinity (%)	>95

All four SiO_2/Al_2O_3 grades share the listed pore diameter, cation, BET surface area, Na_2O content and crystallinity.

Ordering information

Grade	Package	Product No.
SiO_2/Al_2O_3 ~15	20 g	MSZ35012
SiO_2/Al_2O_3 ~15	100 g	MSZ35021
SiO_2/Al_2O_3 ~15	1 kg	MSZ35031
SiO_2/Al_2O_3 ~20	20 g	MSZ35112
SiO_2/Al_2O_3 ~20	100 g	MSZ35121
SiO_2/Al_2O_3 ~20	1 kg	MSZ35131
SiO_2/Al_2O_3 ~30	20 g	MSZ35212
SiO_2/Al_2O_3 ~30	100 g	MSZ35221
SiO_2/Al_2O_3 ~30	1 kg	MSZ35231
SiO_2/Al_2O_3 ~50	20 g	MSZ35312
SiO_2/Al_2O_3 ~50	100 g	MSZ35321
SiO_2/Al_2O_3 ~50	1 kg	MSZ35331

This product will be discontinued after supply lasts. Please contact us at contact@acsmaterial.com for a quote if you need to order larger quantities.

SECTION IV

Applications

1) Acid catalyst.

2) Adsorbent.

Revision Date: 10/29/2026

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