TECHNICAL DATA SHEET

High Surface Area SBA-15

Mesoporous silica · hydrothermal method · BET 700–800 m^2/g · pore diameter 6–13 nm · pore volume 1–2 cm^3/g



ACS Material High Surface Area SBA-15 — Representative Packaging

ACS Material High Surface Area SBA-15, 10 g (MSB15111). Image shown for reference; label and packaging may vary.

CONTENTS

01 Product Overview
02 Core Advantages
03 Specifications
04 Applications

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SECTION I

Product Overview

ACS Material High Surface Area SBA-15 is a mesoporous silica (CAS No. 7631-86-9) prepared by the hydrothermal method and supplied as a white powder with a BET surface area of 700–800 m^2/g, a pore diameter of 6–13 nm and a pore volume of 1–2 cm^3/g. It is available in 10 g (MSB15111) and 20 g (MSB15112) packages. Typical TEM images are included in this data sheet.

SECTION II

Core Advantages

- **High surface area** — BET 700–800 m^2/g.
- **Pore volume** — 1–2 cm^3/g.
- **Pore diameter** — 6–13 nm.
- **Hydrothermal method** — white powder.

SECTION III

Specifications

Technical data

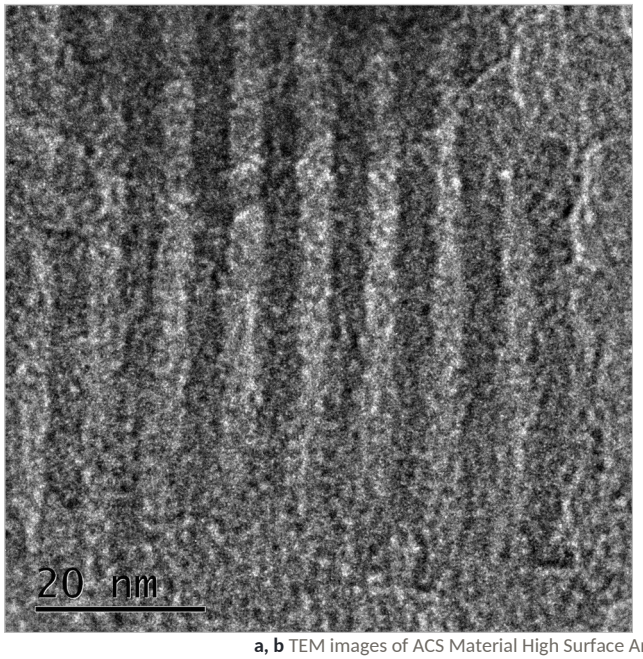
Specifications	
Product name	High Surface Area SBA-15
Brand	ACS Material
CAS No.	7631-86-9
Preparation method	Hydrothermal method
Appearance	White powder
BET surface area	700–800 m^2/g
Pore diameter	6–13 nm
Pore volume	1–2 cm^3/g

Ordering information

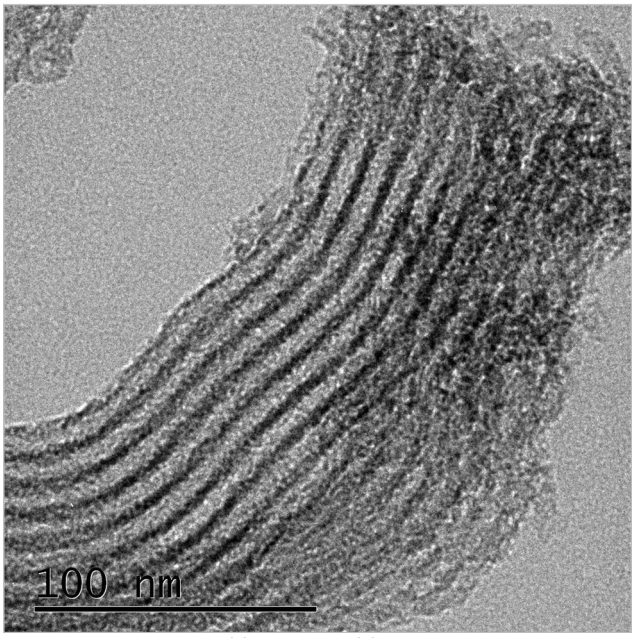
Package	Product No.
10 g	MSB15111
20 g	MSB15112

Typical data

a



b



a, b TEM images of ACS Material High Surface Area SBA-15; scale bars 20 nm (a) and 100 nm (b).

SECTION IV

Applications

ACS Material High Surface Area SBA-15 is used as a catalyst carrier, as a templating agent and in nanomaterials.

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