

## Product Information

# Aerolyst® 3048

## Silica Fixed Bed Catalyst Support

### PRODUCT DESCRIPTION

Aerolyst® 3048 is a high purity silica extrudate. It is produced from AEROSIL®, Evonik's high purity fumed silica. The product combines the advantage of a pure, well controlled raw material with a narrow pore size distribution and no micropores as well as a high pore volume.

#### Typical Properties

Property	Unit	Value
Appearance		White extrudates
BET Surface Area	m <sup>2</sup> /g	140-180
Bulk Density	kg/m <sup>3</sup>	450-550
Pore Volume	ml/g	0.8-1.0
Product Dimensions Diameter		3.4 - 3.9 mm
Side Crush Strength		> 40 N/mm

The data represents typical values (no product specification)

### TYPICAL APPLICATIONS

Catalyst support

#### Product Composition

Product Composition	Unit	Value
Silicon Dioxide (SiO <sub>2</sub> ) Content	wt%	99.8-100.0

The data represents typical values (no product specification)

### BENEFITS & ADVANTAGES

- superior chemical resistance
- high purity
- narrow pore size distribution and no micropores
- high pore volume
- high thermal stability
- development of tailor-made catalysts in the context of an exclusive project possible

### PACKAGING

Aerolyst® 3048 is supplied in 210 liter steel drums, net weight is approx. 90 kg

### STORAGE

Drums should be stored in a dry place, not be exposed to direct sunlight and be protected from freezing

### SHELF LIFE

Subject to the appropriate storage conditions, the shelf life of Aerolyst® supports in sealed original drums is > 3 years from date of shipment.

#### Disclaimer

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