

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 ² /g	140-180
Bulk Density	kg/m ³	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 ₂) 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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Evonik Operations GmbH

Catalysts
Rodenbacher Chaussee 4
63457 Hanau
Germany
Phone +49 6181 59-13399
Fax +49 6181 59-2699
catalysts@evonik.com
[evonik.click/catalysts](https://www.evonik.click/catalysts)