

Product Information

Aerolyst® 7711

Titania fixed bed catalyst support

PRODUCT DESCRIPTION

Aerolyst® 7711 is a high purity titania extrudate with a high anatase content. It is produced from AEROXIDE® TiO₂ P 25, one of Evoniks AEROXIDE® Fumed Metal Oxides.

The advantage of the pure, well controlled raw material is that it does not contain any traces of sulfate. It has the added benefit of a narrow pore size distribution with no micropores. Aerolyst® 7711 can be used as a catalyst or as a catalyst support.

Typical Properties

Property	Unit	Value
Appearance		White extrudates
BET Surface Area	m ² /g	35-55
Bulk Density	kg/m ³	950-1150
Pore Volume	ml/g	0.30-0.45
Product Dimensions		1.6-1.7 mm
Diameter		

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- Catalyst support
- Acid-base reactions

Product Composition

Product Composition	Unit	Value
Titanium Dioxide (TiO ₂) Content	wt%	~100

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- high purity
- narrow pore size distribution
- no micropores
- development of tailor-made catalysts in the context of an exclusive project possible

PACKAGING

Aerolyst® 7711 is supplied in 210 liter steel drums, net weight is approx. 180 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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