

Product Information

Octolyst® 1148

Nickel on Silica Fixed Bed Catalyst

PRODUCT DESCRIPTION

Octolyst® 1148 is a highly active nickel on silica catalyst for fixed bed applications.

Typical Properties

Property	Unit	Value
Appearance		Black extrudates
Bulk Density	kg/m ³	900-1100
Particle Size		1.3-1.6 mm
Pore Volume	ml/g	0.4-0.6

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- hydrogenation of olefins
- hydrogenation of aromatics
- hydrogenation of aldehydes

Product Composition

Product Composition	Unit	Value
Nickel (Ni) Content, max.	wt%	70

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- superior chemical reactivity and selectivity
- high stability
- development of tailor-made catalysts in the context of an exclusive project possible

HANDLING & PROCESSING

The catalyst is reduced and stabilized with air. Reduction with hydrogen or a hydrogen containing gas is necessary to activate the catalyst. An activation procedure is available on request.

PACKAGING

Octolyst® 1148 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 Octolyst® catalysts in sealed original drums is > 3 years from date of shipment.

Disclaimer

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