

Product Information

Octolyst® 2009

Copper on silica fixed bed catalyst

PRODUCT DESCRIPTION

Octolyst® 2009 is a copper silica catalyst for fixed bed applications in the gas and liquid phase.

Typical Properties

Property	Unit	Value
Apparent Porosity		N/A
BET Surface Area	m ² /g	200-210
Bulk Density	kg/m ³	560-640
The exact bulk density depends on the technology which is used to fill the reactor.		
Chemical Name	Copper on Silica Fixed Bed Catalyst	
Pore Volume	ml/g	0.7-0.9
Product Form	Extrudate	

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- hydrogenation of aldehydes
- dehydrogenation of alcohols

Product Composition

Product Composition	Unit	Value
Copper (Cu) Content	wt%	≤40
Silicon Dioxide (SiO ₂) Content	wt%	40-50

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

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

HANDLING & PROCESSING

The catalyst is delivered in an oxidized state. An activation procedure is available on request.

PACKAGING

Octolyst® 2009 is supplied in 210 litre steel drums, net weight is approx. 110 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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