

Product Information

Octolyst® H10126

Nickel / Zinc oxide / Silica fixed bed catalyst

PRODUCT DESCRIPTION

Octolyst® H10126 is a nickel on zinc oxide modified silica catalyst for fixed bed applications.

Typical Properties

Property	Unit	Value
Appearance		Black tablets
Bulk Density	-1.15 g/ cm ³	1.0
Product Dimensions Height		2.2-2.6 mm
Product Dimensions Diameter		4.9-5.1 mm

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

hydrogenation of aromatics in sulphur-containing feed-stocks

Product Composition

Product Composition	Unit	Value
Nickel (Ni) Content	wt%	≤33
Zinc Oxide (ZnO) Content	wt%	30-37

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- superior chemical reactivity and selectivity
- high sulfur resistance
- up to 15% sulfur uptake possible
- high mechanical 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® 10126 is supplied in 210 liter steel drums, net weight is approx. 170 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

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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