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
Side Crush Strength		50 N/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 appropiate storage conditions, the shelf life of Octolyst® catalysts in sealed orginal drums is > 3 years from date of shipment.

Disclaimer

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