

Product Information

Noblyst® 1528

Palladium on alumina fixed bed catalyst

PRODUCT DESCRIPTION

Noblyst® 1528 is a highly active palladium on alumina catalyst for fixed bed applications in the liquid phase.

The palladium is finely distributed predominately in the outer zone of the activated alumina. Owing to its high activity, the catalyst permits operation at low temperatures and high space velocities.

Typical Properties

Property	Unit	Value
Appearance		Brown to black cylindrical extrudates
BET Surface Area	m ² /g	200-280
Bulk Density	kg/m ³	500-680
Pore Volume	ml/g	0.6-0.9
Product Dimensions		1.2-1.3 mm

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Selective hydrogenation and the complete saturation of olefinic bonds.

Product Composition

Product Composition	Unit	Value
Ethanol (C ₂ H ₅ O) Content		N/AN/A

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- high activity and selectivity
- high olefine purity and yield
- long catalyst lifetime
- minimized precious metal loading and high recovery rate
- full precious metal service loop
- development of tailor-made catalysts in the context of an exclusive project possible

HANDLING & PROCESSING

- no activation required

PACKAGING

Noblyst® 1528 is supplied in 210 liter steel drums, net weight is approx. 100 kg

STORAGE

Drums should be protected from freezing, not exposed to direct sunlight and stored in a dry place

SHELF LIFE

Subject to the appropriate storage conditions, the shelf life of Noblyst® catalysts in sealed original drums is > 3 years from date of shipment.

Disclaimer

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