

## Product Information

# Noblyst® 1505

## Palladium on alumina fixed bed catalyst

### PRODUCT DESCRIPTION

Noblyst® 1505 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		Brownish pellets
BET Surface Area	m <sup>2</sup> /g	70-100
Bulk Density	kg/m <sup>3</sup>	600-760
Pore Volume	ml/g	0.6-0.8
Product Dimensions Diameter		2.0-4.0 mm

The data represents typical values (no product specification)

### TYPICAL APPLICATIONS

- Selective Hydrogenation of Olefinic Bonds
- Hydrogenation of methylacetylene and propadiene (MAPD)
- Selective Hydrogenation of 1-Olefines

#### Product Composition

Product Composition	Unit	Value
Palladium (Pd) Content	wt%	0.1

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® 1505 is supplied in 210 liter steel drums, net weight is approx. 130 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 Noblyst® catalysts in sealed original drums is > 3 years from date of shipment

#### Disclaimer

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