

Product Information

Noblyst® 3020

Ruthenium on alumina fixed bed catalyst

PRODUCT DESCRIPTION

Noblyst® 3020 is a ruthenium on alumina catalyst for fixed bed applications.

Typical Properties

Property	Unit	Value
Apparent Porosity		N/A
BET Surface Area	m ² /g	220-290
Bulk Density	kg/m ³	650-720
Particle Size		4.0-6.0 mm
Pore Volume	ml/g	0.5-0.6

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- hydrogenation of aromatics
- hydrogenation of carbonyls

Product Composition

Product Composition	Unit	Value
Ruthenium (Ru) Content	wt%	0.5

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- superior chemical reactivity and selectivity
- high ruthenium dispersion predominately in the outer zone of the alumina spheres
- high surface area
- development of tailor-made catalysts in the context of an exclusive project possible
- full precious metal service loop

HANDLING & PROCESSING

No activation required

PACKAGING

Noblyst® 3020 is supplied in 210 liter steel drums, net weight is approx. 100 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

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.

Evonik Operations GmbH

Catalysts
Rodenbacher Chaussee 4
63457 Hanau
Germany
Phone +49 6181 59-13399
Fax +49 6181 59-2699
catalysts@evonik.com
[evonik.click/catalysts](https://www.evonik.click/catalysts)