Product Information

Metalyst® 113 PEG

PRODUCT DESCRIPTION

Metalyst® 113 PEG is an activated nickel powder catalyst for slurry processes embedded in polyethylene glycol (PEG).

This catalyst is used in liquid phase reactions operated as batch, semi-batch or continuous process. This product is suitable for stirred tank reactors and loop reactors with most of the applications being hydrogenation reactions.

Below reactions represent only some examples of the numerous applications this versatile catalyst can support.

Typical Properties

Property	Unit	Value
Appearance		Gray, black pastilles, water free
Particle Size D50	µm	48

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- Hydrogenation of CN Bonds
- Hydrogenation of Nitro Groups
- Hydrogenation of CC Bonds

Product Composition

Product Composition	Unit	Value
Catalyst Content	wt%	40
Nickel (Ni) Content	%	≥90

The data represents typical values (no product specification)

Product Composition

Product Composition	Unit	Value
PEG Content	wt%	60

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

Depending on the business model, Evonik may provide the following additional services:

- Technical support around the globe including handling recommendations, safety data sheets, literature, samples, etc.
- Development of tailor-made catalysts in the context of an exclusive project

HANDLING & PROCESSING

No activation required

PACKAGING

Metalyst® 113 PEG is delivered in 210 liter steel drums. For large volumes special packaging is available upon request.

STORAGE

Drums should be protected from freezing, not exposed to direct sunlight and stored in a dry place between 5 and 30°C (40 to 83°F).

SHELF LIFE

Best before 24 month after manufacturing

Disclaimer

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