

Product Information

KALCAT® 4061

Activated nickel powder catalyst

PRODUCT DESCRIPTION

KALCAT® 4061 is an activated nickel powder catalyst for slurry processes doped with chromium. 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 slurry in water
Particle Size D50	µm	28
pH Value		8-11
Promoters		Cr

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- Hydrogenation of CN Triple Bonds to Primary Amines
- Hydrogenation of Aliphatic Aldehydes and Ketones
- Hydrogenation of Aromatic Carbonyls to Alcohols

Product Composition

Product Composition	Unit	Value
Nickel (Ni) Content	wt%	89-91

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

PACKAGING

- KALCAT® 4601 is delivered as a slurry in 60 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

12 months when kept in original packaging stored in a dry, covered location

Disclaimer

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