

Product Information

Catlyen® S 103

Solid magnesium ethanolate based catalyst support precursors

CAS NUMBER

2414-98-4

PRODUCT DESCRIPTION

The Catlyen® S 100 series of materials consists of various magnesium ethanolate based support precursors for the manufacture of Ziegler/Ziegler-Natta catalysts. Specific grades are available for different types of industrial polymerization processes.

Products of the Catlyen® S 100 series are only sparingly soluble in hydrocarbons and ethers. They are soluble in some alcohols with a simultaneous exchange of alkoxy groups.

Typical Properties

| Property | Unit | Value |
|----------------------|-------|------------------------|
| Appearance | | White-greyish granules |
| Chemical Name | | Magnesium Ethanolate |
| Molecular Weight | g/mol | 114.43 |
| Product Purity, min. | % | 98.6 |

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Ziegler-Natta catalyst support precursors

BENEFITS & ADVANTAGES

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

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

TRANSPORTATION

- UN-class 4.2
- UN-No. 3205
- Packaging Group II

PACKAGING

- Products of the Catlyen® S 100 Series are delivered in 50 kg / 110 lb steel drums.
- For large volumes special packaging is available upon request.

STORAGE

- The drums must remain tightly sealed during storage, protected from freezing, not exposed to direct sunlight and stored in a dry place (under ambient temperature).
- The product is stable for a minimum of 12 months from date of delivery in its original sealed packaging.
- The product should be protected against exposure to air and moisture.

SHELF LIFE

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Disclaimer

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