Product Information

Catylen® S 101

Solid magnesium ethanolate based catalyst support precursors

CAS NUMBER

2414-98-4

PRODUCT DESCRIPTION

The Catylen® 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 Catylen® 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
Product Purity	%	≥98.6

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Ziegler-Natta catalyst support precursors

Product Composition

Product Composition	Unit	Value
Magnesium (Mg) Content Complexometry	wt%	21-22

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, 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 Catylen® 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.
- 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

The product is stable for a minimum of 12 months from date of shipment in its original sealed packaging.

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.

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