

Product Information

Catlyen® D 600

External donor for Ziegler-Natta catalysts

CAS NUMBER

18230-61-0

PRODUCT DESCRIPTION

Catlyen® D 600 is an external donor for use with Ziegler-Natta catalysts in propylene polymerization processes.

Typical Properties

Property	Unit	Value
Appearance		Clear, colorless liquid
Chemical Name		Diisopropylmethoxysilane
Color		(Hazen) mg Pt-Co/l, max 25
Flash Point, min.	°C	41
Molecular Weight	g/mol	176.3
Product Purity, min.	%	98.0

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

External donor for Ziegler-Natta catalysts

Product Composition

Product Composition	Unit	Value
Methanol (CH ₃ OH) Content	ppm	0-500
Chloride (Cl) Content, max. Hydrolysable	ppm	10
Water Content, max.	ppm	100

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- Controls the isotacticity of polypropylene-based polymers
- May improve hydrogen response
- Regulates molecular weight distribution
- Can be used in combination with phthalate-free Ziegler-Natta catalysts

PACKAGING

- Catlyen® D 600 is delivered in 170 kg / 441 lb steel drums.
- For large volumes special packaging is available upon request.

STORAGE

- The drums must remain tightly sealed during storage, protected from freezing and not exposed to direct sunlight and stored in a dry place between 5 and 30°C (40 to 83°F) at all times.
- Subject to the appropriate storage conditions, the shelf life of olefin polymerization catalyst components in sealed original containers is 24 months from date of shipment.
- The product should be protected against exposure to air and moisture.

SHELF LIFE

Subject to the appropriate storage conditions, the shelf life of olefin polymerization catalyst components in sealed original containers is 24 months 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