

Product Information

Catlyen® D 300

External donor for Ziegler-Natta catalysts

CAS NUMBER

17865-32-6

PRODUCT DESCRIPTION

Catlyen® D 300 is an external donor for use with Ziegler-Natta catalysts in propylene polymerization processes.

Typical Properties

Property	Unit	Value
Appearance		Clear, colorless liquid
Boiling Point, min.	°C	196
Chemical Name		Cyclohexylmethyldi-methoxysilane
Color		(Hazen) mg Pt-Co/l, max 20
Density 25°C	g/cm ³	0.93-0.94
Flash Point, min.	°C	66
Molecular Weight	g/mol	188.3
Product Purity, min.	%	99.5

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	0-400
Chloride (Cl) Content, max. Hydrolysable	ppm	5
Other Organics Content		Aromatics negative
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 300 is delivered in 180 kg / 397 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

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Disclaimer

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