

Product Information

Catlyen® D 400

External donor for Ziegler-Natta catalysts

CAS NUMBER

126990-35-0

PRODUCT DESCRIPTION

Catlyen® D 400 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	260
Chemical Name		Dicyclopentyl-dimethoxysilane
Color		(Hazen) mg Pt-Co/l, max 20
Density	g/cm ³	0.98-0.99
Flash Point, min.	°C	95
Molecular Weight	g/mol	228.2
Product Purity, min.	%	99

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.	ppm	50
Hydrolysable		
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 400 is delivered in 200 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

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Disclaimer

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