

## Product Information

# Catlyen® D 500

External donor for Ziegler-Natta catalysts

## CAS NUMBER

17980-32-4

## PRODUCT DESCRIPTION

Catlyen® D 500 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	188
Chemical Name		Diisobutyldimethoxysilane
Color		(Hazen) mg Pt-Co/l, max 25
Density	g/cm <sup>3</sup>	0.863-0.863
Flash Point, min.	°C	62
Molecular Weight	g/mol	204.3
Product Purity, min.	%	97

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

External donor for Ziegler-Natta catalysts

### Product Composition

Product Composition	Unit	Value
Methanol (CH <sub>3</sub> OH) Content	ppm	0-1,000
Chloride (Cl) Content, max.	ppm	10
Hydrolysable		

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 500 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

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