

## Product Information

# Catlylen® D 700

External donor for Ziegler-Natta catalysts

## CAS NUMBER

111439-76-0

## PRODUCT DESCRIPTION

Catlylen®D 700 is an external donor for use with Ziegler-Natta catalysts in propylene polymerization processes.

### Typical Properties

Property	Unit	Value
<b>Appearance</b>		Clear, colourless liquid
<b>Boiling Point, min.</b>	°C	178
<b>Chemical Name</b>		Isobutylisopropylidimethoxisilane
<b>Color</b> mg PtCo/l		(Hazen) mg Pt-Co/l, max 20
<b>Flash Point, min.</b>	°C	50
<b>Molecular Weight</b>	g/mol	190.3
<b>Product Purity, min.</b>	%	99.0

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

External donor for Ziegler-Natta catalysts

### Product Composition

Product Composition	Unit	Value
<b>Chloride (Cl) Content, max.</b> Hydrolysable	ppm	10
<b>Water Content, max.</b>	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

- Catlylen®D 700 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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