

Product Information

Catlyen® D 1000

External donor for Ziegler-Natta catalysts

CAS NUMBER

78-10-5

PRODUCT DESCRIPTION

Catlyen® D 1000 is used as a component for manufacture of Ziegler-Natta catalysts.

Typical Properties

Property	Unit	Value
Appearance		Clear, colorless liquid
Boiling Point, min.	°C	167
Chemical Name		Tetraethoxysilane
Color		(Hazen) mg Pt-Co/l, max 20
Density	g/cm ³	0.93-0.95
Flash Point, min.	°C	45
Molecular Weight	g/mol	208.33
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
Ethanol (C₂H₆O) Content	ppm	0-10,000
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 1000 is delivered in 190 kg / 419 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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