



Technical Data Sheet

XIAMETER™ OFS-6228 Silane

Dicyclopentyl dimethoxysilane

Features & Benefits

- Increased polymer yield per unit-weight of catalyst
- Increased isotactic content of polypropylene-based polymers
- Improved molecular weight distribution of the polymer
- Equal or superior performance to phenylalkoxysilanes without the possibility of benzene formation

Applications

- Produced especially for use as a component in a Ziegler-Natta olefin polymerization catalyst system

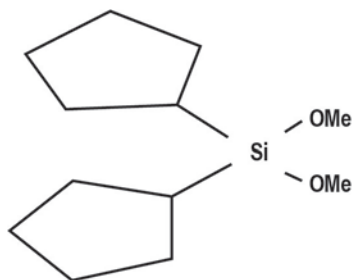
Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Appearance		Colorless liquid
Specific Gravity at 25°C (77°F)		0.98
Refractive Index at 25°C (77°F)		1.466
Flash Point, Closed Cup	°C (°F)	119 (246)
Molecular Weight		228.4
Boiling Point	°C (°F)	230 (446)

Description

XIAMETER™ OFS-6228 Silane is a dialkyldimethoxysilane with the chemical structure:



Silanes and siloxanes have been used for some time in this application to increase yield and improve the stereoregularity of the polyolefin resin.

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XIAMETER™ OFS-6228 Silane

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How To Use	The method of use is dependent upon the manufacturer's catalyst system, so no specific suggestions are available.
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Usable Life And Storage	When stored at or below 35°C in the original unopened containers, this product has a usable life of 24 months from the date of production. After the containers have been opened, this product should be protected from atmospheric moisture to prevent hydrolysis reaction to from MeOH.
Limitations	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.
Health And Environmental Information	To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area. For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

<http://www.xiameter.com>

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