Technical Data Sheet

ChangFu® H34C
Tris(trimethylsiloxy)chlorosilane

昌孚化工
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Description

ChangFu® H34C is a MT-type siloxane which primarily serves as a key silylation reagent. With high reactivity and selectivity, it enables the synthesis of diverse organosilicon compounds and polymers.

Features & Benefits

High reactivity and selectivity.
Surface modification capability.
Moisture-sensitive.

Applications

Used as nucleophilic reagent and a condensation agent in etherification, silanization, and siloxane reactions.
Used as surface modification agent to improve composites performance via silane-based functional coatings.
Used as capping agent for silicone rubber, reacting with hydroxyl silicone oil or prepolymers.
Used as surface modifier for silicone hydrogel lenses to enhance oxygen permeability, optimize surface hydrophilicity and hydrophobicity, and improve material stability.

Typical Properties

Product No.	ChangFu® H34C
Description	Tris(trimethylsiloxy)chlorosilane
CAS No.	17905-99-6
Formula	C9H27ClO3Si4
Purity	min 97%
Color	Colorless or light yellow
Appearance	Clear liquid

Package

Offered in 25L pails and 200L drums.
Custom packaging is available.

Storage

Stored in a cool, well-ventilated place.
Keep container tightly closed.

Transportation

See the corresponding Safety Data Sheet.