Technical Data Sheet

ChangFu® L4
Decamethyltetrasiloxane

昌孚化工
特种有机硅

Description

ChangFu® L4 is mainly used as a capping agent when producing silicone oil and silicone rubber. Because of its low surface tension and great fluidity, it is commonly employed as a lubricant, friction reducer, and anti-stick agent at high temperatures. Due to its outstanding physical and chemical characteristics, it is also widely used in cosmetics manufacturing and semiconductor packaging.

Features & Benefits

Can replace the conventional end capping agent Hexamethyldisiloxane.
Workable for altering the viscosity of low viscosity silicone oil.
Excellent lubrication, friction reduction, and anti-adhesion performance at high temperatures.
Excellent skin feeling and lubrication performance.

Applications

Used as an end capping agent for the preparation of silicone oil and silicone rubber.
Used to alter the viscosity of low viscosity silicone oil.
Used as a high-temperature lubricant and friction reducer for equipment and machinery.
Used as an additive in cosmetics like face cream, lotion, and shampoo.
Used as a semiconductor packing material and a fire retardant agent.

Typical Properties

Description	Decamethyltetrasiloxane
Product No.	ChangFu® L4
CAS No.	141-62-8
Formula	C10H30O3Si4
Purity	min 98%
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.