

ChangFu® L4

Decamethyltetrasiloxane



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

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| Description | Decamethyltetrasiloxane |
| Product No. | ChangFu® L4 |
| CAS No. | 141-62-8 |
| Formula | C ₁₀ H ₃₀ O ₃ Si ₄ |
| 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.