

ChangFu® D4H

2,4,6,8-Tetramethylcyclotetrasiloxane



Description ChangFu® D4H is a hydrogen containing siloxane composed of four methyl substituents attached to a cyclic siloxane backbone. It is an important cyclic monomer which can be used in semiconductors, microelectronics, and other advanced applications.

Features & Benefits Cyclic siloxane monomer.
Can form hybrid inorganic-organic polymers.
Can be utilized as a silane reducing agent.

Applications Used to prepare polymethylhydrosiloxane and modified siloxane with specific hydrogen content and number of chain links, such as high hydrogen containing silicone oil.
Used for the synthesis of side chain polysiloxanes and side chain modified silicone oils, such as long-chain alkyl silicone oil, polyether silicone oil, epoxy silicone oil, and amino silicone oil.
Used as a crosslinking agent for preparing high-temperature vulcanized silicone rubber and addition-cure liquid silicone rubber.
Used as an impregnating agent for optoelectronic materials and a precursor for plasma vapor deposition to prepare silicon dioxide and silicon carbide insulating films.

Typical Properties

Product No.	ChangFu® D4H
Description	2,4,6,8-Tetramethylcyclotetrasiloxane
CAS No.	2370-88-9
Formula	C ₄ H ₁₆ O ₄ Si ₄
Purity	min 95%
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.