Linkium SM110

Tetravinyltetramethylcyclotetrasiloxane

CAS 2554-06-5 | Silicone material

Version 1.0 | 11 November 2026

A vinyl-functional cyclic siloxane intermediate for silicone fluid and silicone rubber synthesis.

Technical data

Property	Reference value	Conditions
Cyclic trimer content	≤0.10%	Composition limit; analytical basis to be agreed.
Cyclic hexamer content	≤1.00%	Composition limit; analytical basis to be agreed.
Cyclic tetramer content	≥98.00%	Composition limit; analytical basis to be agreed.
Vinyl content	≥31.0%	Grade-specific control methods to be agreed.

Reference values support material selection. Test methods and acceptance tolerances are defined in the agreed specification.

Applications

- Intermediate for high-vinyl silicone fluids.
- Intermediate for addition-curing silicone rubber and liquid silicone rubber.
- Feedstock for vinyl/hydroxyl-functional silicone fluid formulations.

Grade selection

Select the cyclic composition and vinyl content required by the synthesis process. The tetramer-content figure is a composition limit; final control methods and the required impurity profile are agreed for the selected grade.

Packaging and handling

Net-pack options: 25 kg, 200 kg. The selected pack, quantity and delivery terms are confirmed with the order.

Consult the current product-specific SDS for handling, storage and transport. Shelf life and regulatory suitability are confirmed for the selected grade and destination.