# Linkium SM112

## Pentamethylpentavinylcyclopentasiloxane

CAS 17704-22-2 | Silicone material

Version 1.0 | 12 November 2026

A vinyl-functional cyclic pentasiloxane intermediate for vinyl silicone fluids and silicone-rubber synthesis.

### Technical data

| Property | Reference value | Conditions |
|---|---|---|
| Purity | ≥99.0% | Test method and basis not stated. |
| Refractive index | 1.459 | Temperature and wavelength not stated. |
| Molecular weight | 430.8 | Identity reference. |

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

### Applications

- Base material for the synthesis of vinyl silicone fluids.
- Raw material for silicone-rubber synthesis.

### Grade selection

Match the chemical identity, required purity and relevant impurity limits to the synthesis or formulation. Physical-property references support selection; test methods and acceptance limits are agreed for the chosen grade.

### Packaging and handling

Net-pack options: 20 kg, 190 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.