Linkium SM307

Polydimethylsiloxane (Dimethicone)

CAS 63148-62-9 | Silicone material

Version 1.0 | 11 November 2026

A polydimethylsiloxane fluid with a reference dynamic viscosity of 50 cP at 25 °C, for formulation selection.

Technical data

Property	Reference value	Conditions
Dynamic viscosity	50 cP	25 °C.
Refractive index	1.4020	25 °C; wavelength not listed.
Flash point	>300 °C	Test method not listed.
D4 content	<0.1%	Individual cyclic content.
D5 content	<0.1%	Individual cyclic content.
D6 content	<0.1%	Individual cyclic content.

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

Applications

- Skin-care and sun-care formulations.
- Colour cosmetics and antiperspirants.
- Hair-care formulations.

Grade selection

The reference viscosity is dynamic viscosity (50 cP at 25 °C). It is not a cSt grade designation. Confirm formulation compatibility and the required acceptance limits for the application.

Packaging and handling

Net-pack options: 20 kg, 180 kg, 900 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.