LANDU

Technical data sheet
TDS-DUVERA-2010-L-EN
Revision 1.0, November 2026

LANDUSIL DUVERA

2010-L

Long-Chain Alkyl-Modified Silicone Fluid

Non-reactive alkyl silicone fluid for slip, release and lubrication in organic systems

Composition

Chemical type
Long-chain alkyl-modified polysiloxane

End groups
Trimethylsiloxy

Active content
approx. 100 %

Physical form
Liquid

Product description

LANDUSIL DUVERA 2010-L is a trimethylsiloxy-terminated polysiloxane in which part of the methyl groups are replaced by long-chain alkyl groups. It is supplied as a 100 % active, non-reactive liquid.

The alkyl chains improve compatibility with hydrocarbon oils, waxes and organic resins compared with dimethyl fluids, while the siloxane backbone keeps low surface tension and slip. The fluid is used in release agents, polymer processing, coatings and lubricant formulations.

Features and benefits

- Better compatibility with organic media
- Slip and lubrication on plastics and rubber
- Non-reactive and chemically inert
- Can be emulsified for waterborne systems
- 100 % active, no solvent

Specification

Property	Unit	Value	Test method
Appearance		**Colorless to light yellow, transparent viscous liquid**	Visual
Refractive index, nD25	–	**1.4260 – 1.4300**	Refractometry

Tested on every batch and reported on the Certificate of Analysis.

Typical properties

Kinematic viscosity, 25 °C	approx. 800 mm²/s
Other viscosity grades	100 – 2,000 mm²/s on request
Active content	approx. 100 %

For guidance only; not part of the specification.

© 2026 LANDUSIL

Applications

Coating surface slip
Slip and surface feel in coatings.

Rubber mold release
Fluid component of release agents.

Polymer processing
Lubricant for resins and filled compounds.

Waterborne release concentrates
Oil phase for emulsified release agents.

Guidelines for use

Compatibility	Blend into the organic medium and check clarity and uniformity after storage.
Surface use	Compare levels on the same substrate; include later painting or bonding in the trials.

These levels are starting points. Determine the optimum level and method in trials under your own conditions.

Handling and safety

- Spilled fluid makes floors very slippery; clean up immediately.
- Avoid contact with eyes.
- Read the Safety Data Sheet before use.

Storage and shelf life

Store in tightly closed original containers at room temperature in a dry place. Shelf life is 12 months from the date of manufacture in unopened containers.

Packaging

25 kg plastic drum, 200 kg steel drum, 1,000 kg IBC. Other pack sizes on request.

The information in this data sheet reflects our current knowledge and is given in good faith. It is not a guarantee of properties or of suitability for a particular use, and it does not release users from testing the product for their own application and process. Users are responsible for complying with applicable laws, regulations and third-party rights. Only the values under Specification are binding, as confirmed on the Certificate of Analysis. This edition supersedes all previous editions. For safety information, see the current Safety Data Sheet. © 2026 LANDUSIL. All rights reserved. LANDUSIL and its product series names are trademarks of LANDUSIL. No part of this document may be reproduced, modified or redistributed without prior written permission.