LANDU

Technical data sheet
TDS-NOVERA-7020-L-EN
Revision 1.0, November 2026

LANDUSIL NOVERA

7020-L

Phenyl/Alkyl Hybrid Siloxane

Phenyl/alkyl hybrid siloxane for mineral finishes and heat-resistant coatings

Chemical identity

Chemical name
Phenyl/alkyl hybrid polysiloxane

CAS number
See SDS

Functionality
Phenyl, alkyl, alkoxy

Physical form
Liquid

Product description

LANDUSIL NOVERA 7020-L is a low-viscosity phenyl/alkyl functional polysiloxane supplied as a clear liquid. It is a reactive, solvent-free resin.

It is used in mineral surface finishes, heat-resistant coatings, coating surface and processing formulations and compatible binder blends.

Features and benefits

- Phenyl and alkyl groups
- Low-viscosity liquid
- Solvent-free
- Heat resistance and hydrophobicity
- Compatible with silicone binders

Specification

Property	Unit	Value	Test method
Appearance		**Clear, colourless to straw liquid**	Visual
Viscosity, 25 °C	mPa·s	**15 – 30**	Rotational viscometer

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

Typical properties

Refractive index, 25 °C	approx. 1.49 – 1.51
Volatiles, 150 °C / 1 h	max. 2.0 %

For guidance only; not part of the specification.

Applications

Masonry and natural stone finishes
Hydrophobic finish for masonry.

Coating surface and processing formulations
Surface and processing additive.

Heat-resistant coatings
Reactive diluent for heat-resistant binders.

Industrial equipment finishes
Finish component.

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Guidelines for use

Blending	Cold-blend with silicone resins to lower solvent demand.
Cure	Cure by hydrolysis and condensation or with a catalyst.

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

Handling and safety

- Wear gloves and eye protection; avoid skin and eye contact.
- Keep away from heat and ignition sources; use with ventilation.
- Read the Safety Data Sheet before use.

Storage and shelf life

Store in tightly closed original containers in a cool, dry place, protected from moisture. 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.

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