LANDU

Technical data sheet
TDS-NOVERA-7030-L-EN
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LANDUSIL NOVERA

7030-L

Amino/Epoxy Hybrid Siloxane

Amino/epoxy hybrid siloxane for bonding primers and epoxy adhesives

Chemical identity

Chemical name
Amino/epoxy hybrid polysiloxane

CAS number
See SDS

Reactive groups
Amino, epoxy

Physical form
Liquid

Product description

LANDUSIL NOVERA 7030-L is a liquid siloxane carrying amino and epoxy groups, supplied as a clear liquid. The ratio of the two groups is set for primer and adhesive use.

It is used in glass and ceramic primers, metal bonding and lamination primers, industrial protective coatings, epoxy assembly adhesives and hybrid resin manufacture.

Features and benefits

- Amino and epoxy functionality
- Bonds glass, ceramic and metal
- Liquid, easy to blend
- Suited to primers and adhesives
- Siloxane water resistance

Specification

Property	Unit	Value	Test method
Appearance		**Clear to slightly hazy liquid**	Visual
Viscosity, 25 °C	mPa·s	**2,000 – 6,000**	Rotational viscometer

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

Typical properties

Epoxy equivalent weight	180 – 250 g/eq
Cure	Non-isocyanate

For guidance only; not part of the specification.

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Applications

Glass and ceramic primers
Primer component.

Industrial protective coatings
Binder component.

Hybrid resin manufacture
Building block for hybrids.

Metal bonding and lamination primers
Primer component.

Epoxy assembly adhesives
Adhesion-promoting modifier.

Guidelines for use

Functional analysis	Select the grade through functional analysis, storage assessment and adhesion tests.
Storage	Keep moisture out; reactive groups can slowly react during storage.

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

Handling and safety

- Epoxy compounds can cause skin sensitization; avoid skin contact and wear gloves and eye protection.
- 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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