LANDU

Technical data sheet
TDS-NOVERA-3010-L-EN
Revision 1.0, November 2026

LANDUSIL NOVERA

3010-L

Vinyl MQ Silicone Resin

Vinyl-functional MQ silicone resin for silicone PSA, addition-cure adhesives and elastomers

Chemical identity

Chemical name
Vinyl MQ silicone resin

CAS number
See SDS

Solids content
approx. 50 %

Physical form
Liquid

Product description

LANDUSIL NOVERA 3010-L is a vinyl-functional MQ silicone resin supplied as a solution of about 50 % solids. It combines a three-dimensional silicate core with vinyl groups on the surface.

It reinforces addition-cure systems and takes part in the cure. It is used in silicone pressure-sensitive adhesives, assembly adhesives, liquid silicone rubber, electronic gels and release coatings.

Features and benefits

- Vinyl-functional MQ resin
- Takes part in addition cure
- Reinforces and adds tack
- Solution, easy to blend
- Colourless, transparent

Specification

Property	Unit	Value	Test method
Appearance		**Colourless, transparent liquid**	Visual
Solids content	%	**48 – 52**	Gravimetric, 150 °C

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

Typical properties

Vinyl content	approx. 0.9 – 1.4 %
Refractive index, 25 °C	approx. 1.40 – 1.41
M/Q ratio	approx. 0.6 – 1.2

For guidance only; not part of the specification.

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Applications

Silicone pressure-sensitive adhesives
Reinforcing resin for silicone PSA.

Liquid silicone rubber formulation
Reinforcing resin for LSR.

Paper and film release coatings
Component in release coatings.

Addition-cure assembly adhesives
Reinforcing component in adhesives.

Electronic gels
Resin phase in electronic gels.

Guidelines for use

Blending	Blend into the vinyl polymer base; strip solvent if a solvent-free base is needed.
Cure	Cure with Si–H crosslinker and platinum catalyst.

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

Handling and safety

- Solutions are flammable; keep away from heat and ignition sources, ground containers and use with ventilation.
- Wear gloves and eye protection; avoid skin and eye contact.
- Read the Safety Data Sheet before use.

Storage and shelf life

Store in tightly closed original containers in a cool, dry, well-ventilated place away from ignition sources. 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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