LANDU

Technical data sheet
TDS-NOVERA-6010-S-EN
Revision 1.0, November 2026

LANDUSIL NOVERA

6010-S

Solid Amino-Functional Silicone Resin

Solid amino-functional silicone resin for heat-curing binders and epoxy modification

Chemical identity

Chemical name
Amino-functional silicone resin

CAS number
See SDS

Reactive group
Amine

Physical form
Solid flakes

Product description

LANDUSIL NOVERA 6010-S is a solid amino-functional silicone resin supplied as flakes. The amine groups react with epoxy, isocyanate and anhydride systems.

It is used in powder and heat-cured formulations, epoxy adhesive modification, filled heat-resistant bonds and epoxy–siloxane hybrid resin manufacture.

Features and benefits

- Solid amine-functional resin
- Reacts with epoxy and isocyanate
- Heat-resistant silicone phase
- Flake, solvent-free
- For heat-curing binders

Specification

Property	Unit	Value	Test method
Appearance		**Colourless to yellowish flakes**	Visual
Softening point	°C	**55 – 80**	Ring and ball

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

Typical properties

Reactivity	Amine groups react with epoxy
Supply form	Solid resin

For guidance only; not part of the specification.

Applications

Powder and heat-cured formulations
Reactive component in heat-curing binders.

Filled heat-resistant bonds
Resin phase for filled bonds.

Epoxy adhesive modification
Reactive modifier.

Epoxy–siloxane hybrid resin manufacture
Amine component for hybrids.

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Guidelines for use

Reaction partner	Define the amine functionality and match the epoxy ratio.
Preparation	Dissolve or melt-blend, then cure at the processing temperature.

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

Handling and safety

- Control dust during charging; wear gloves and eye protection.
- Flake and powder resins can form flammable dust clouds; ground equipment.
- Read the Safety Data Sheet before use.

Storage and shelf life

Store in the original closed bags or drums in a cool, dry place; protect from heat, moisture and caking. Shelf life is 12 months from the date of manufacture in unopened containers.

Packaging

25 kg fiber drum or lined bag. Other pack sizes on request.

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