LANDU

Technical data sheet
TDS-NOVERA-2010-L-XY60-EN
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LANDUSIL NOVERA

2010-L-XY60

Methyl Phenyl Silicone Resin Xylene Solution

Methyl phenyl silicone resin in xylene, about 60 % solids, for heat-resistant coatings and varnishes

Chemical identity

Chemical name
Methyl phenyl silicone resin in xylene

CAS number
Mixture – see SDS

Solids content
approx. 60 %

Physical form
Liquid

Product description

LANDUSIL NOVERA 2010-L-XY60 is a methyl phenyl silicone resin supplied as a solution of about 60 % solids in xylene. It is a yellow to colourless, low-viscosity liquid.

The resin gives coatings heat resistance and weatherability and dries tack-free at room temperature. It is used in heat-resistant metal finishes, mineral coatings, filled bonds and coil impregnation varnishes.

Features and benefits

- Methyl phenyl resin, about 60 % solids
- Low-viscosity solution
- Heat resistance and weatherability
- Dry tack-free at room temperature
- Compatible with heat-resistant pigments

Specification

Property	Unit	Value	Test method
Appearance		**Clear, yellow to colourless liquid**	Visual
Solids content	%	**59 – 61**	Gravimetric, 1 h / 200 °C
Viscosity, 25 °C	mm²/s	**45 – 75**	Capillary viscometer

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

Typical properties

Density, 20 °C	approx. 1.05 g/cm³
Flash point	approx. 25 °C

For guidance only; not part of the specification.

Applications

Heat-resistant metal finishes
Binder for mufflers, ovens and exhaust parts.

Heat-resistant filled bonds
Resin phase for mineral-filled bonds.

Mineral facade coatings
Binder for mineral facade paints.

Coil impregnation and insulation varnishes
Impregnating varnish for coils.

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Guidelines for use

Formulation	Pigment with heat-stable pigments; thin with xylene if needed.
Cure	Air-dry tack-free, then cure at elevated temperature as the system requires.

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.

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.