



Lusin® Protect G 31

Wax-Based Anti-Corrosion and Lubricating Agent

Benefits

- Stable transparent film; resistant to handling
- Lasting protection against corrosion
- Suitable for use as a release agent

Description

Lusin® Protect G 31 is a highly efficient anti-corrosion agent that also shows lubricating properties. The delayed generation of the solid protective film enables Lusin® Protect G 31 to penetrate into very fine cracks. The protective film is resistant to handling and starts melting at around 50°C (122 °F).

Lusin® Protect G 31 aerosol contains UV light sensitive pigments enabling the protective film to be visible under UV light (maximum at 366 nm).

Typical Properties

Corrosion protection per DIN 50017	No corrosion after 20 h
Neutral Salt Spray Test according to DIN EN ISO 9227	No corrosion after 28 h

Application

Lusin® Protect G 31 is mainly used to protect moulds and dies dedicated for processing thermoplastic resins against corrosion.

Lusin® Protect G 31 only shows maximum anti-corrosion properties when applied on dry and clean metal surfaces. For cleaning it is recommended to use Lusin® Clean L 23 F as a mould cleaning agent and Lusin® Clean L 11 or Lusin® Clean L 51 as a degreasing agent.

Optimal film generation is only ensured if Lusin® Protect G 31 is applied in several thin layers, taking particular care to cover edges and undercuts.

Lusin® Protect G 31 can either be removed by the use of cleaning agents like Lusin® Clean L 11 or Lusin® Clean L 51 or by producing parts, thus transferring the protective agent to the produced parts.

In terms of subsequent treatment of the produced parts, such as lacquering, printing or gluing, preliminary tests are recommended.

Storage

Lusin® Protect G 31 should be stored in a dry indoor area at room temperature.

For further information on hazards etc. please refer to safety data sheet.

Shelf life

Aerosol and bulk: 24 months

Packaging

Aerosol: 400 ml with 12 cans per box

Bulk: 1 L, 10 L, 20 L, 200 L

Further Information

Request information on our complete range of materials for this industry..

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