

Technical Data Sheet

Candle gloss varnish

Purpose:
Surface refinement of candles, interior
Gloss level:
shiny

Color shade:
colorless, colored and optional,

Viscosity (DIN 53211):
processing viscosity:
approx. 12s- 15s / 4mm-DIN-flow cup / 20°C
depending on colorshade

Density (DIN 53217):
ca. 1.2g / cm³
depending on color shade

Thinner:
water

Resistance:
Limited water- and UV-stability,
Resistance to coldness till -10°C

Base:

Do not use on candle containing stearin or which are colored
with migrating and soluble colors.
Oil-content: max. 0.5%
Use candles with a complete flat and plane subsurface to
get the best possible effect.

Refer also to the technical advice:
Important Information about Lacquering Candles!

Quality Check:

We do carry out e.g. burning-off, coldness- and sticky-tests
with our lacquer, on proofed pillar candles (size 40/110).

Please check other candle forms on your own.

Please follow basic requirements for lacquering of candles.

Processing / Conditions:

Processing with the spraying method.
Stir up lacquer before and during processing carefully and
slowly to avoid foam formation.
Measure viscosity continuously (several times a day) and
dilute the lacquer with water if necessary.

Nozzle size: 1.0 – 1.5 mm / 3 bar

Starting at ca. 60% relative air humidity take a test-
lacquering, high humidity can cause grey veil and loss of
adhesion.
Dipping and flow coating is possible, but it has to be tested
by the customer at his respective conditions.

To Processing/Conditions:

Important: Take away the lacquer drop at the bottom of the candle, after no more lacquer drains (if dipping method is applied). It could lead otherwise to problems with the packaging material.

Refer also to the technical advice:

Quality-Steps: lacquered candles

> temperature 15°C - 25°C (lacquer, candle and room)

> air humidity: max. 50%

Drying:

Dry after 24h room-temperature, can be accelerated with heat.

Must be tested with customer's equipment.

Storage/storage life:

Keep in a dry place, at room temperature.

Stable in original sealed hobbox max. for 12 Month.

Do not store coated and packed candles below -5°C and above +30°C.

Safety advice:

Comply with the national rules and regulations and follow the safety data sheets.

Take care for sufficient ventilation.

Take note of our technical advice:

- Important Information about Lacquering Candles

- Quality Steps: lacquered candles

Important:

The general information of this datasheet is based upon our current knowledge and experience. Because of plenty of possible influences during processing our product they can not deliver the processor from its own testing and controlling. These trials should be made before the lacquer system will be used in production!