

BÜFA®-Release Wax Paste

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BÜFA®-Release Wax Paste is a synthetic wax and white spirit-based release agent that is mainly used in combination with BÜFA®-Release Lacquer.

Profile

Product type	Release Agents
Type of release agent	Release wax
Application method	Hand Application
Substrate suitability	UP-, VE- and EP- GFK-Moulds, Glass-Moulds, Plastic moulds, Wood-moulds, Plaster moulds
Colour	yellow
Odour	gasoline

Application Range

BÜFA®-Release Wax Paste is used as a release agent for the production of moulded parts made of UP and EP resins when using moulds made of plastic, wood, plaster etc. When using BÜFA®-Release Lacquer, this Wax Paste is applied as an additional release agent before the release lacquer is applied in order to increase demoulding safety.

Specification / Technical Data

Density (BM D01) approx.	0.8 g/mL
Flashpoint (BPV FP 02) approx.	61°C
Styrene content approx.	0.0 %

The BÜFA testing standards define the testing scenario after the values are determined in our facilities. They relate to generally accepted standards and are available under request.

Processing

The release wax is best applied to the surface which is to be treated in the mould by placing the wax in a cloth, closing the cloth like a bag and pressing the paste through the pores of the fabric with circular hand movements. This ensures that the release agent is applied evenly and thinly and the formation of any wax lumps is prevented. Polishing should be started immediately after application, as a dried wax film is very difficult to polish. To separate large moulded parts, release wax is applied before the release lacquer for more effective and easier demoulding.

In general, it should be noted that the release agent requirement of a mould depends to a large extent on its geometry and the force applied during demoulding. Difficult demoulding processes require more release agent; easy ones require less.

With retracted moulds, it is sufficient, as already mentioned above, to rewax after around every 5th to 6th demoulding process.

For new moulds it is advisable to apply the wax very carefully before using the mould; i.e. the mould should be waxed 2 to 3 times in a row. This ensures that absolutely all open pores in the mould surface are closed. Tempering the mould after the first wax treatment has proven effective. The increased temperature liquefies the wax, allowing it to penetrate deeper into the mould surface. In addition, the wax layer becomes more resistant due to post-curing.

Storage and handling

As a result of the wide range of factors which may influence the operating conditions and the application of the product, the user must still carry out their own tests and trials.

The product must be kept closed, cool, dry and protected from sunlight.

In unopened and undamaged original containers, at storage temperatures of up to 20 °C the product can be used for at least 12 months.

Frost must be avoided.

The above details have been compiled to the best of our knowledge and are based on our current knowledge and experience. These details only constitute product descriptions. Under no circumstances do they constitute guarantees relating to quality or durability. The processor is obliged to carry out their own tests and investigations in order to take responsibility for any processing and application of our products in the processor's application area. The latest version of the corresponding EU safety data sheet must also be observed.