

Moldwachs / Spacewax 60-x3

Universal release wax in paste form for polyester and epoxy resin processing.

Suitable for models, new tools and continuous production.

Allows multiple demolds with retracted tools at temperatures up to 140°C.

Features	at 25°C
Weight	0.893 kg per litre
MAK value	500ppm
Flash point	43°C
Proportion of solvents	approx. 80%
Delivery form	Can of 450g
Lower explosion limit	0.8 Vol. %
Verarb. Temperature	up to 140°C

Application:

To apply the separating wax, use a clean, soft cotton cloth. Apply the separating wax generously to a manageable surface and then polish to a high gloss with a clean cloth. New molds require four to six layers of wax, and it is necessary to wait until the solvent content has evaporated before each new application. As an additional safety, we recommend the insertion of a PVA release agent for the first demolds.

Recommendation: Always temper new shapes.

Note:

Despite quick polishing of the applied layer, the wax film only remains on the surface of the mold without penetrating it. Due to the exothermic heat development that occurs during the first demouldings, the separating wax is gradually driven more and more into the surface pores until a so-called "waxy" state of the mould is reached. The rule of thumb for achieving the desired state is 4-6 demouldings. As an additional safety against sticking or snagging, it is recommended to introduce a PVA film during this "conditioning" of the mold, which can be easily dissolved with warm water if necessary. Once a new mould has been cleanly retracted in this way, Spacewax 300 can achieve very good results in terms of the number of possible separations.

New molds should always be annealed at 50°C for at least three hours before starting the release agent application.

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