

High-temp Release agent data sheet

Code # W104

Description: W104 is a firm mold release wax based on highest quality refined carnauba wax blended with other synthetic high temperature ingredients and petroleum distillates

Properties	Unit	Value
Color		Light-blue tint (color coded for identification)
Dry time at 22 °C	min	5 to 10 (will vary depending on working temp.)
Melting point	°C	82 to 99
Penetration hardness at 25 °C		1

Characteristics:

- Ease of application and removal. May be allowed to stand at length and still wipe off easily.
- Provides hard film with superior heat & chemical properties.
- Polishes too high gloss without streaking
- Reduced wax build-up and styrene accumulation

Use: As a release agent for Polyester/Fiberglass molding on all FRP tooling, Formica, Metal and other hard surface molds. Suitable for open mold hand or spray lay-up, Compression molding, Resin transfer molding (RTM) and vacuum bagging processes.

Note: Check suitability when heat curing or higher temperature molding above 94 °C.

Application:

- On new or reconditioned tooling, suggest use of W301 sealer prior to waxing for added release, gloss and mold life.
- Apply W104 with the sponge applicator in a thin even circular motion to the mold surface. Allow to haze dry (approx. 5-10 min.) and polish wipe to gloss finish. For new or reconditioned molds apply minimum of 6 coats of W104 paste wax waiting approx. 30-60 minutes between applications for the wax to harden after you polish wipe. Best results obtained if after the final application, mold is allowed to stand over night and a subsequent final coat of wax release applied following day prior to gel coating.
- Follow with a coat of wax for the first 2-3 parts released.
- Then determine how many parts can be effectively produced before rewaxing is required. This will vary depending on mold condition, configuration, type of resin, mold cycles, effective cure of production gel-coat and other factors.



Note: Technical information furnished is based on laboratory findings and believed to be correct. Since conditions of product use are outside our control, no warranties of any kind are made except that the materials supplied are of standard quality. All risks and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user. In any case, all liability for damage or loss is only for the materials supplied by our company.

SALES & ORDER PROCESSING

28th of October St No 8A, 37300
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EU ORDERING INFO

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