



TECHNICAL DATA SHEET

PRODUCT: **ABABOL N**

REV. NUMBER: **2**

REVISION DATE: **02.01.16**



RELEASE AGENT

Ababol N is a concentrated emulsion of high performance polymers combined with our technology LCC (Liquid Cristal Coating), gives the surface of the mould a high resistance microstructure and a non-stick, releasing and lubricating properties.

Ababol N has been formulated free of organic solvents or alcohol and it does not release CFC or any other volatile organic compound. Ababol N meets the highest environmental requirements.

It has an excellent terminal stability. It can be used in heated moulds and exothermic reactions.

Not flammable or explosive and no dangerous reactions are known.

No accumulation in the mould and does not transfer to the piece manufactured.

High resistance to solvents.

USES

- Elastomers, where high release properties are required.
- Rubber
- Polymer concrete
- Solid surface
- General releases where high friction could happen.

PHYSICAL PROPERTIES.

- Appearance: Opaque White liquid, low odour.
- pH, 25°C: > 10
- Density aprox. 25°C: 1,00 – 1,05 g/cm³

(These data do not present in any case technical specifications of the product)





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APPLYING INSTRUCTIONS

1- First of all the surface to be treated must be cleaned with *Ababol C, C+ or Cd*. The cleaner the surface the more effective the seal of *Ababol S, S+ or S eco, etc* and higher the yield of our release agents.

2- After sealing the mould apply a small quantity of *Ababol N* on a small part of the mould surface, using sprayers or a wet paper or towel. Do not use materials with high absorption of release. After use of paper or towels reject it for next use.

Before evaporation of *Ababol N*, wipe over the surface.

The yield is about 50-75 m²/liter. Using more volume of *Ababol N* does not assure a better release.

3- Repeat that process in all the surface of the mould.

4- Curing time depends on the temperature and humidity. Approximately:

T ^a surface of mold	Curing time
< 15°C	>45 min
15 - 18°C	30 min
18 - 20°C	25 min
20 - 30°C	15 min
30 -40 °C	12 min
>50°C	10 min

5- Number of coats:

- New moulds or repaired - a minimum of 3 coats and 1 more after the first release.
- Production mould only one coat when needed.

6- The number of releases depends on:

- Mould materials
- Mould conditions
- Shape of the mould
- Materials and geometry of the piece

