

RD3 Epoxy resin for inclusion

RD3 resin is a bicomponent epoxy resin, solvent free, suitable for high ended applications. It's mainly used for decoration by inclusion of metal logos on plastic frames.



Advantages

Clear, glossy, hard and flexible
Excellent adhesion on cellulose acetate or propionate.
Easily polishable.
Effective degassing
Large areas of inclusion (1 mm deep) achievable.

Properties

Gardner index < 2
Viscosity at 23° C : 650 mPa.s
Hardness : 78 shores D
Elongation : 9 %

Packaging

Epoxy resin is referenced **R3**, hardener is **D3**
1 kg kit of **RD3 resin** contains :
690 g of **R3 resin** + **310 g** of **D3 hardener**.

Storage

12 months at room temperature in closed containers.
In case of crystallization or opacity of the **R3 resin**, heat at 80°C until complete fluidification and let cool before utilization.

Health and safety

Observe the measures of working hygiene as noticed on the FDS during manipulation.

INSTRUCTIONS FOR USE

Proportion: **100 g R3 resin**
+ **45 g D3 hardener**

Shake vigorously until homogeneity.
Degas before use.

Life-time after mixing (100 g mass):
- 10 hours at 20°C.
Hardening (film 6 mm) :
- dry to touch : 15 h at 20°C
- dry at heart: 24 h at 20°C or 10 h at 40°C.

RELATED PRODUCTS

Coloration in transparent

Coloration in transparent by addition of **NANV liquid dyes** (technical bulletin 18 V 10D).

Coloration in opaque

Coloration in opaque by addition of **PPE pigment pastes** (technical bulletin 18 V 01).

Cleaner

8496 cleaner is suitable for an efficient cleaning of the tools.

Polishing products

Our polishing products allow to obtain by barrel drying a perfect finish.

RD8 Epoxy resin

RD8 epoxy resin (technical bulletin 18R25) is Bisphenol-A free.

