

EPOXY RESIN

ND Resin is a modified, medium viscosity, resin with excellent clarity and air release properties. It is ideal for use as a decorative and protective coating for applications such as doming pictures, bar tops, labels and magnets. Clear ND resin can be mixed 1:1 by volume with the ND Hardener.

HANDLING PROPERTIES:

Mixed Viscosity @ 25°C,cps	2600
Shelf Life, (closed Container @ 25°C)	1 year

PHYSICAL PROPERTIES (CURED):

Color, APHA	50
Specific Gravity @ 25°C	1.08
Hardness, Shore D	80
Linear Shrinkage, in./in.	0.003
Izod Impact Strength, ft. lbs./in. of notch	0.60
Tensile Strength @ 25°C, psi	8,000
Compressive Strength @ 25°C, psi	27,000

The above properties are typical of a system cured with ND Hardener

RECOMMENDED HARDENERS:

ND Hardener	A medium viscosity, room temperature cure hardener with very good air release that is mixed 1:1 by volume.
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MIXING INSTRUCTIONS: Weigh the desired amount of resin into a clean container and combine with recommended hardener in one of the ratios shown below:

<u>HARDENER</u>	<u>PARTS BY WT. PER 100 PTS. RESIN</u>	<u>BY VOLUME</u>	<u>POT LIFE 100 GRAMS @25°</u>
ND HARDENER	83	1:1	50 MINUTES

RECOMMENDED CURE SCHEDULE:

<u>HARDENER</u>	<u>CURE @ 25°C (77°F)</u>	<u>CURE @ 35°C (95°F)</u>	<u>CURE @ 49°C (120°F)</u>	<u>CURE @ 65°C (150°F)</u>
ND HARDENER	18-24 HOURS	6 HOURS	3 HOURS	1 HOUR