

**General description**

NM Adhesive 893 is a flexible heat-cured one component epoxy adhesive with very high strength values.

NM Adhesive 893 has a very good surface wetting which guarantee a good adhesion to most substrates.

The cure-reaction is activated at approximately 150°C, and that's therefore the minimum curing temperature. Temperatures above 180°C should be avoided.

Substrates that are to be glued should be sound, free from oil or other contaminants. Any kinds of contaminants have a negative influence to adhesion. Some metals needs special treatment, please contact Nils Malmgren AB for advice.

Typical properties**Resin:**

NM Lim 893

<i>Density:</i>	1120 kg/m ³
<i>Viscosity:</i>	40-100 Pa·s
<i>Thermal expansion coefficient:</i>	60·10 ⁻⁶ cm/cm·°C
<i>Tensile strenght(DIN 53283):</i>	~25 N/mm ² (30 min. 150°C)
<i>Maximum temp. for use:</i>	120°C
<i>Shelf-life at +4°C:</i>	6 months
<i>Colour:</i>	opak, grey-white
<i>Normal packing:</i>	4 x 0.250 kg
<i>Max storing temp.:</i>	+4°C

Cleaning solvent: Acetone

Cure-time at different temperatures.

Temperature °C	Cure-time minutes
150	30
180	10

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