



NM EIF 900 is a two-part epoxy especially made for injektion and moulding where there are high demands on compressive and impact strength.

NM EIF 900 can be used, for example, to mould under machines and machine foundations, under dynamos, turbines, between steelplates etc.

The mixing shall be done with a slow mechanical mixer.

For mouldings with a thicknes above 40 mm, choose NM Injection 300.

### Typical applications

- As a moulding material where there are high demands on compressive- and impact strength.

**Observe!** If the curing temperature is below 10°C heat must be added.

### Typical properties

**Resin:**

NM EIF 900

**Hardener:**

NM Härdare 90

**Mixing ratio:**

Resin-Hardener 100-28.2 by weight

<i>Density:</i>	1322 kg/m <sup>3</sup>
<i>Viscosity at 25°C:</i>	2.8 Pa·s
<i>Potlife 100g 20°C:</i>	30 minutes
<i>Compressive strength:</i>	110 MPa
<i>Tensile strength:</i>	30 MPa
<i>Flexural strength:</i>	50 MPa
<i>Modulus of elasticity:</i>	10 GPa
<i>Coefficient of thermal expansion:</i>	38·10 <sup>-6</sup> cm/cm·°C
<i>Chemical resistance:</i>	See table
<i>Curing time:</i>	12 hours at 20°C 25 hours at 15°C 60 hours at 10°C
<i>Minimum curing temp:</i>	+5°C
<i>Colour:</i>	Green
<i>Normal packing:</i>	3.5+1.0 = 4.5 kg
<i>Cleaning solvent:</i>	Acetone