



Product code : C9912A

CIANO CM2

DESCRIPTION

CIANO CM2 is an instant, one-component, fast curing adhesive based on ethyl cyanoacrylate.

AREAS OF APPLICATION

CIANO CM2 is an adhesive of general use in production and maintenance.

TECHNICAL DATA

Appearance before curing	Colourless to slightly yellowish liquid of medium viscosity
Appearance after curing	Hard plastic, colourless
Odor	Strong, characteristic
Viscosity at 25 °C	Brookfield RVT / spindle 1 / 20 rpm : 100 ± 20 mPa.s
Density at 25 °C	1.05 ± 0.01
Solubility	Methylethylketone (MEK), acetone, nitromethane
Maximum gap for application	0,10 mm
Setting speed on steel	Maximum 10 s
Setting speed on acrylic	Maximum 8 s
Tensile strength steel/steel after 24 h	20 to 28 MPa (ASTM D-2095-78)
Temperature resistance	-50 to +80 °C
Residual resistance after 2 weeks of immersion in kerosene at 20 °C	84%
Residual resistance after 2 weeks of immersion in éthylene-glycol at 20 °C	72 %
Residual resistance after 2 weeks of immersion in water at 20 °C	56 % (higher values are found with flexible substrates)
Residual resistance after 2 weeks of immersion in hydrochloric acid at 10 % at 20 °C	60 %
Specific data	Setting speed on soft pine wood : maximum 20 s Tensile strength of non metallic substrates after 24 h at room temperature : the substrate fails before the product

ADVICE

See also material safety data sheet

INSTRUCTIONS FOR USE

Substrate preparation :

Clean and dry parts removing dirt and grease.

Polyethylene, polypropylene, PTFE and silicone surfaces need previous treatment and/or adhesive CIANO 2100. Refer to our technical service.

Application :

Before use, get CIANO CM2 to room temperature.

Apply the necessary quantity of adhesive to one surface, leaving a thin film when joining parts.

The thinner the film, the better the joint.

Assemble immediately.

STORAGE AND SHELF LIFE

12 months under 25 °C in closed original packaging.

Maintaining the product under 5 °C can extend shelf life.

PACKAGING

20, 100 and 1,000 g polyethylene bottles

SAFETY

Irritant. Read material safety data sheet before use.

PRECAUTIONS FOR USE

Bonds skin and eyes in seconds.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired.

Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.