



Product code : C9911A

CIANO 2300

DESCRIPTION

CIANO 2300 is an instant, one-component, fast curing adhesive based on ethyl cyanoacrylate.

AREAS OF APPLICATION

Thanks to its low vapour emanation, CIANO 2300 has a low odour and so is recommended for poor ventilated environment.

CIANO 2300 allows fast bonding of a large variety of materials : metals, plastics, rubbers and reduces to a minimum the blooming by the bondline.

TECHNICAL DATA

Appearance before curing	Colourless to slightly yellowish liquid of low viscosity
Appearance after curing	Hard plastic, colourless
Odor	Weak
Viscosity at 25 °C	Brookfield RVT / spindle 1 / 20 rpm : 40 ± 10 mPa.s
Density at 25 °C	1.05 ± 0.01
Solubility	Methylethylketone (MEK), acetone, nitromethane
Maximum gap for application	0.08 mm
Setting speed on steel	maximum 15 s (IRAM 45049)
Tensile strength steel/steel after 24 h	100 to 150 daN/cm ² (ASTM D-2095)
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	Curing speed (IRAM 45049) : maximum 10 s on nitrile rubber, acrylic or rigid PVC

ADVICE

See also material safety data sheet

INSTRUCTIONS FOR USE

Substrate preparation :

Clean and dry parts removing dirt and grease.

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

Application :

Before use, get CIANO 2300 to room temperature.

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

On smooth surfaces, the thinner the film, the better the joint.

Assemble immediately with a soft pressure.

The resistance and speed of adhesion vary with the substrates and surface smoothness.

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

Not classified as hazardous. 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.