

Technical Data Sheet DanBond CA 550

DanBond CA 550 is a high viscosity cyanoacrylate adhesive for bonding a very wide range of materials.

CA 550 is a one-component-adhesive, easy to handle and fast curing at room-temperature. Resistant against humidity and high stability at low temperatures. Solvent-free without leaving any residues.

Properties

Appearance:	Clear
Chemical type:	Ethyl
Flashpoint:	> 81 °C
Max Gap Fill:	up to 0.15 mm
Shelf Life (room-temperature):	6 months
Specific Gravity:	1.05
Viscosity:	1200-1800 mPas
Full cure:	24 hours
Typical Curing Performance::	
Balsa:	<10 seconds
Nitril:	5 seconds
Neopren	<7 seconds
EPDM:	<7 seconds
Steel:	10-20 seconds
PVC:	5-10 seconds
Polycarbonat:	10-40 seconds

Application

Cyanoacrylate adhesives should be applied in drops. After that the parts should be pressed together. Polymerisation begins after a few seconds.

Preparation

All parts should be clean and be free of oil, grease, etc.

The optimal environmental temperature for the adhesion is between +20° and +25° degrees Celsius and at 50-60 % relative atmospheric humidity. The end hardness speed can be very slow in great cold.

These information are based on laboratory values and our present state of knowledge.

A legal relationship is not vested.

We always recommend to test the products self. The user is responsible for measures for the protection of properties and persons.