



TECHNICAL INFORMATION

BEST-CA 233T

BEST-CA 233T is a one-component, solvent free cyanoacrylate adhesive based on ethyl-cyanoacrylate.

BEST-CA 233T is specially designed for temperature- and humidity-resistant bonding of wood and plastics, e.g. polyamide, PVC, PMMA, polystyrene and various elastomers, e.g. rubber, EPDM and viton amongst each other and with metals and ceramics.

BEST-CA 233T is very fast cure. After full cure the adhesive is high strength and temperature resistant.

BEST-CA 233T is ready-to-use and can be applied from the original container.

BEST-CA 233T is applied spot-wise or bead like. Assemble parts by using short, firm pressure. Curing process starts within seconds. On most materials fixture time is reached within 10 to 15 seconds. 85 % of final cure is reached after 30 minutes, 100% after 20 hours. The rate of cure depends on the ambient relative humidity. A relative humidity of 40 to 60% will lead to best results. Lower values may delay cure.

Bonding surfaces must be dry, free of dust and grease as well as other contaminants. Sand-blasting, grinding and staining bonding surfaces will enhance adhesion on bonding surfaces.

PROPERTIES (liquid product)

Chemical type	Ethyl-cyanoacrylate
Curing system	Humidity
Appearance	Colourless to yellowish/opaque
Viscosity (Brookfield)	3.000 mPas
Density (DIN 51757)	1,09 x 10 ³ kg/m ³
Max. gap filling	0,15 mm
Shelf life <small>(Storage in unopened original container at 10°C up to 23°C)</small>	6 months
<u>Curing time @23°C</u>	
Fixture time	10 to 15 seconds
Functional strength	30 minutes
Final strength	20 hours

