

Description:

epple 200/S free from toluene is an one-component contact adhesive on the basis of chloroprene, which cures to a highly elastic adhesive film.

Application:

epple 200/S free from toluene is used as contact adhesive, so that both assembly parts need to be coated with the adhesive (approx. 150 – 300 g/m²). The components can be jointed by compression after an airing time of a few minutes (dust-free surfaces). Thanks to its wide bonding spectrum, epple 200/S free from toluene is mainly used for the bonding of plastics among each other or with metals, as well as for the bonding of rubber parts.

Specific properties:

epple 200/S free from toluene is free from toluene

Application / Surface:

- the surface has to be clean and free from dust and grease.
- Apply evenly to the adhesive faces on one or both sides. With very absorbing surfaces, eventually apply the adhesive twice and allow to evaporate.

Cleaning of tools:

Thinner 11

Packaging:

metal tin

Basis / Characteristics

Components		Solvent-			Chemical Basis					
1-comp.	2-comp.	free	containing	aqueous	EP	PU	Acrylate	Chloroprene	Polyvinylacetate	Terpolymer

Properties of the liquid adhesive

Property	Component A	Following to standard
Viscosity	2000 mPas – 4500 mPas	DIN EN ISO 3219
Density	0.85 g/cm ³ - 0.88 g/cm ³ / 20°C	DIN 53479
Colour	yellowish	-
Loss on drying up to 140°C	74 % - 76 %	-
Pot life	-	DIN VDE 0291-2
Storage	12 months in closed original containers, stored in a dry and cool but frost-free place. Ideal storage temperature: 5 - 30 °C.	

Diese Druckschrift soll Sie beraten. Die darin gemachten Angaben entsprechen unserem besten Wissen, jedoch kann eine Verbindlichkeit daraus nicht hergeleitet werden.

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Properties of the cured adhesive

Property	Value	Following to standard
Curing Ventilation time Time to handling strength Time to final strength	10 min (dry to touch) max. 2 h 10 min 3 d	-
Curing conditions / Contact pressure	approx. 2 bar	-
Adhesive strength in the tensile shear test (after 7 days at ambient) Steel / steel (blasted SA2,5)	0.5 N/mm ² – 1.5 N/mm ²	DIN EN 1465
Adhesive strength in the peel test 180 ° (after 7 days at ambient) Rubber / Rubber	6.0 N/cm – 10.0 N/cm	DIN EN 1464
Surface adhesion	none	-
Temperature resistance	-30 °C to +70 °C	-
Chemical resistance (after 7 days; max. 3 months)	Water, climatic influences	epple-standard

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