

Description:

epple K20 R is a fast-curing adhesive on the basis of a thermoplastic caoutchouc.

Application:

epple K20 R offers a wide range of application possibilities. It can be applied as pressure-sensitive adhesive or as laminating adhesive with high adhesive strength. Being applied as contact adhesive, **epple K20 R** bonds the most different materials, e. g. paper, textiles, leather, rubber, wood and PU-foam. It is particularly suitable for the adhesion of profiles and mould articles out of solid rubber and expanded rubber, as well as for the bonding of elastomers to metal surfaces.

Application / Surface:

- The surface has to be clean and free from dust and grease.
- Apply to the adhesive faces on one or both sides. With very absorbing surfaces, eventually apply the adhesive twice.
- The assembly components can be connected after an evaporation time of approx. 2 minutes
- If possible, stir-up the adhesive before use.

Cleaning of tools:

Thinner 11 or Thinner 456.

Packaging:

Cartridge, tin, pail

Basis / Characteristics

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

Properties of the liquid adhesive

Property	Value	Following to standard
Viscosity	9 – 14 Pas	DIN EN ISO 3219
Density	0.9 – 1.0 g/cm ³ / 20 °C	DIN 53479
Colour	black	-
Loss on drying up to 140 °C	58 – 62 %	-
Storage	24 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.

This data sheet is for your information. The data supplied are according to the best of our knowledge and no liability can be inferred from them.

Properties of the cured adhesive

Property	Value	Following to standard
Curing Ventilation time Time to handling strength Time to final strength	2 min 20 min 24 h	-
Curing conditions / Contact pressure	-	-
Hardness (after 7 days at 20 °C) Shore-A Shore-D Pendulum hardness / König	- - -	DIN 53505 DIN 53505 DIN 53157
Adhesive strength in the tensile shear test (after 7 days at 20 °C) Steel / steel (blasted SA 2,5)	-	DIN EN 1465
Surface adhesion	-	-
Temperature resistance (after 7 days at 20 °C)	-25 °C to +120 °C	-
Absorption of water 20 °C / 7 days	-	ISO 62
Chemical resistance (after 7 days; max. 3 months)	water tenside solutions saline solutions diluted acids (5%) diluted alkalines (5%)	epple-standard

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

This data sheet is for your information. The data supplied are according to the best of our knowledge and no liability can be inferred from them.