Technical Data Sheet
Adhesive epple-easy 5620-new

Issue: 10-2021

Description:

epple-easy 5620-new is a two-component, solvent-free adhesive on the basis of epoxy. It is characterised by a short time to tangibility.

Application:

epple-easy 5620-new is particularly suitable for the bonding of metal substrates. Thanks to its short pot life, fixing of the adherends for a longer period of time is not necessary.

Specific properties:

The product is being applied by means of a dual cartridge, therefore manual mixing is not necessary.

Type of mixer:

mini (50 ml): MB 5.4-16-S

Cartridge gun:

Gun mini DMA 50 with tappet PLA 050-01

Application / Surface:

- The surface has to be clean and free from dust and grease.
- Fix it until handling is possible.
- For further information regarding the use of the dual cartridges please see our application instructions for epple-easy on our website www.epple-chemie.de and "equipment and accessories".

Cleaning of tools:

Thinner 11

Packaging:

Cartridge

Basis / Characteristics

Components		Solvent-			Chemical Basis					
1-comp.	**2-comp.**	**free**	containing	aqueous	**EP**	PU	Acrylate	Chloro-prene	Polyvinyl-acetate	Terpoly-mer

E. EPPLE & CO. GMBH
Dichtstoffe // Klebestoffe // Gießharze // Lohnfertigungen
Sealants // Adhesives // Cast Resins // Job order manufacturing
Hertzstraße 8
D - 71083 Herrenberg - Germany

Tel. +49 (0)7032/9771-0
Fax +49 (0)7032/9771-50
E-Mail info@epple-chemie.de
Web www.epple-chemie.de

Technical Data Sheet
Adhesive epple-easy 5620-new

Issue: 10-2021

Properties of the liquid adhesive			
Property	**Component A**	**Component B**	**Following to standard**
Viscosity	30 – 50 Pas	20 – 30 Pas	DIN EN ISO 3219
Viscosity of mixture	20 – 30 Pas		DIN EN ISO 3219
Density	1.1 – 1.2 g/cm³ / 20 °C	1.1 – 1.2 g/cm³ / 20 °C	DIN 53479
Mixing rate	50 parts by weight 50 parts by volume	50 parts by weight 50 parts by volume	gravimetric volumetric
Colour of mixture	yellowish		-
Loss on drying up to 140°C	-		
Pot life	2 – 5 min		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.

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.

Technical Data Sheet
Adhesive epple-easy 5620-new

Issue: 10-2021

Properties of the cured adhesive

Property	Value	Following to standard
Curing Ventilation time Time to handling strength Time to final strength	 - 15 min 1 day	-
Curing conditions / Contact pressure	Fix it until handling is possible.	-
Hardness (after 7 days at 20°C) Shore-A Shore-D Pendulum hardness / König	 - 75 – 85 160 – 190 s	 DIN 53505 DIN 53505 DIN 53157
Tensile lap-shear strength (after 7 days at ambient) Steel / steel (blasted SA 2,5)	 8 N/mm²	 DIN EN 1465
Tack	none	-
Temperature resistance (after 7 days at 20°C)	-20 °C to +80 °C	-
Absorption of water 20 ° C / 7 days	-	ISO 62
Chemical resistance (after 7 days; max. 3 months)	ATF-oil Short term resistant against: water, detergent, solvents and fuels	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.