Technical Data Sheet
Sealant epple 40

Stand: 12-19

Description:

epple 40 is an one-component, solvent-containing sealing compound on the basis of acrylate. It forms a high ductile film in the sealing joint.

Field of application:

Sealing of seams.

By evaporation of the solvents contained in the sealant, **epple 40** forms an elastic film with good adhesion to metals. The physical curing process of the product requires entire curing / hardening of the sealant before charging. The curing time may vary depending on the gap length and web width given.

Specific properties:

epple 40 is silicon-free.

Application / Surface:

- The surfaces of the assembly components have to be clean and free from dust and grease.
- If possible, stir-up the sealing compound before use.
- The skin formation time at ambient is of 15 minutes.

Cleaning of tools:

Thinner epple 11.

Packaging unit:

Metal-tin.

Basis / characteristics

Components		Solvent-			Chemical Basis					
1C	2C	free	**containing**	aqueous	EP	PU	**Acrylate**	Chloro-prene	Polyvinyl-acetate	

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Properties of the liquid sealing compound		
Property	**Value**	**In accordance with standard**
Viscosity	4 - 7 Pas	DIN EN ISO 3219
Density	1.2 – 1.3 g/cm³ / 20 °C	DIN 53479
Colour	beige	
Solid content	60 – 70 %	
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.

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Properties of the cured sealing compound		
Property	**Value**	**In accordance with standard**
Curing Ventilation time Skin formation time Curing / track 4 - 6 mm	 none 15 min 15 h / 20 °C	
Curing conditions / Contact pressure	>5 °C / no contact pressure required, just fixing	
Hardness (after 7 days) Shore-A Shore-D	 - -	 DIN 53505 DIN 53505
Adhesive strength in tensile shear test (after 7 days at ambient) Steel / Steel (blasted SA 2,5)	 -	 DIN EN 1465
Surface cleavability (after 7 days)	 none	
Temperature resistance	-20 °C to +180 °C (slow heating recommended)	
Absorption of water 20 °C / 7 days	 -	 ISO 62
Chemical resistance (after 7 days; max. 3 months)	water detergent leach vapours of ammonia caustic soda 5 % saline solutions glycol, glycerine spirits of turpentine fuel oil, mineral oil up to 120 °C	epple-standard

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