Technical Data Sheet
Sealant epple 32

Stand: 04-2021

Description:

epple 32 is a solvent-containing sealing compound on the basis of copolymers.
It remains elastic in the sealing joint and provides a high ductile content, so that even vibration or expansion due to temperature will be balanced. **epple 32** is particularly resistant against acids, leaches and saline solutions.

Field of application:

Sealing of surfaces

epple 32 is used as sealant in acid construction and in the construction of refrigerating devices.
This sealant is particularly suitable for the use in acid construction, e. g. for pumps, cable blushing etc., as well as for the waterproofing of cold-resistant humidity-isolators and isolators.
The exposure to oils and fuels is to be avoided.

Specific properties:

epple 32 is silicon-free.

Application / Surface:

- The surfaces of the assembly components have to be clean and free from dust and grease.
- The skin formation time at ambient is 15 – 30 minutes.

Cleaning of tools:

Thinner 12

Packaging unit:

Cartridge

Basis / characteristics

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

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Properties of the liquid sealing compound		
Property	**Value**	**In accordance with standard**
Viscosity	56 – 84 Pas	DIN EN ISO 3219
Density	0.9 – 1.1 g/cm³ / 20 °C	DIN 53479
Colour	black	
Solid content	46 – 50 %	
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 – 30 min 8 h / 20 °C	
Curing conditions / Contact pressure	>5 °C / no contact pressure required, just fixing	
Hardness (after 7 days at 20 °C) Shore-A Shore-D	 - -	 DIN 53505 DIN 53505
Adhesive strength in tensile shear test (after 7 days at 20 °C) Steel / Steel (blasted SA 2,5)	 0.3 – 0.7 N/mm²	 DIN EN 1465
Surface cleavability (after curing)	none	
Temperature resistance (after 7 days at 20 °C)	-25 °C to +110 °C	
Chemical resistance (after 7 days; max. 3 months)	ammonia solution 25 % and vapours caustic soda 5 % and 20 % acetic acid 5 % and 100 % hydrochloric acid 5 % and 20 % sulphuric acid 5 % and 20 % nitric acid 5 % and 20 % phosphoric acid 20 % ethanol glycol (anhydrous) glycerine (anhydrous) acetone ethyl acetate water (also boiling) saline solutions 10% detergent leach	epple-standard

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