

Description:

epple 07216-new / V1 is a two-component, solvent-free cast resin on the basis of epoxy. This low-viscous product provides medium pot-life and cures to a well-deaerated, tough mould.

Application:

epple 07216-new / V1 is particularly suitable for components subject to chemical load. It provides very good resistance against various solvents, particularly against gasoline and higher hydrocarbons, as well as ester.

Specific properties:

epple 07216-new / V1 is characterized by low thermal dilatation.

Legal regulations:

Accordant to RoHS (2011/65/EU and 2015/863): yes

Application / Surface:

- The surface has to be clean and free from dust and grease.
- Decant component B into the tin of component A. Mix the two components thoroughly and homogeneously. Eventually, fill over the mixture into another, clean container and stir the material again.

Cleaning of tools:

Thinner 11

Packaging:

Tins

Basis / Characteristics

Components		Solvent-		Chemical Basis	
1-comp.	2-comp.	free	containing	Epoxy	Polyurethane

Properties of the liquid cast resin

Property	Component A	Component B	Following to standard
Viscosity	10 – 16 Pas	1 – 3 Pas	DIN EN ISO 3219
Viscosity of mixture	5 – 9 Pas		DIN EN ISO 3219
Density	1.5 – 1.6 g/cm ³ / 20 °C	1.05 – 1.15 g/cm ³ / 20 °C	DIN 53479
Mixing rate	90 parts by weight 86 parts by volume	10 parts by weight 14 parts by volume	gravimetric volumetric
Colour of mixture	beige		-
Loss on drying up to 140 °C	-		
Pot life	40 – 60 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. Please stir-up the casting resin before use.		

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 cast resin

Property	Value	Following to standard
Hardness (after 7 days at 20 °C) Shore-A Shore-D Pendulum hardness / König	- 75 – 85 70 – 90 s	DIN 53505 DIN 53505 DIN 53157
Temperature resistance (after 7 days at 20 °C)	-25 °C to +140 °C	
Absorption of water 20 °C / 7 days 100 °C / 30 min	0.4 – 0.6 % -	ISO 62
Chemical resistance (after 7 days at 20 °C)	super gasoline higher hydrocarbons (> C ₇) higher alcohols (> C ₄) ester ATF-oils water, detergent	epple-standard

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