

### Description:

**epple 07216-new** 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** 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** is characterized by low thermal dilatation.

### Legal regulations:

Accordant to RoHS (2011/65/EU): 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 epple 11

### 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	3-5 Pas	DIN EN ISO 3219
Viscosity of mixture	5-9 Pas		DIN EN ISO 3219
Density	1,5-1,6 g/cm <sup>3</sup> / 20°C	1,0-1,1 g/cm <sup>3</sup> / 20°C	DIN 53479
Mixing rate	90 parts by weight	10 parts by weight	gravimetric
Colour of mixture	beige		-
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. Stir-up before use.		

### Properties of the cured cast resin

Property	Value	Following to standard
<b>Hardness (after 7 days at 20°C)</b> Shore-A Shore-D Pendulum hardness / König	-- 75-85 70-90 s	DIN 53505 DIN 53505 DIN 53157
<b>Temperature resistance</b>	- 25° C to + 140 ° C	--
<b>Absorption of water</b> 20 ° C / 7 days	+ 0,2 to 0,3 %	ISO 62
<b>Chemical resistance</b>	super gasoline, higher hydrocarbons (as from C <sub>7</sub> ), higher alcohols (as from C <sub>4</sub> ), ester, ATF-oils, water, tenside solutions	epple-standard

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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