

FREEFIX 6470-W-2

Mineral filled UP Bonding Paste

Prod. No. 695-6470

Product description

Freefix 6470-W-2 is an unreinforced, mineral filled bonding paste in a filling consistence that has been pre-accelerated and is based on an unsaturated polyester resin dissolved in styrene. Freefix 6470-W-2 contains a curing indicator that shows the addition of the catalyst by changing colour and can be cured with commercially available ketone peroxides as well as benzoyl peroxides.

Applications

Freefix 6470-W-2 can be used as a filler and standard bonding paste for bonding cured GRP laminates as long as they must only meet normal requirements.

Specifications / technical data

| Property | Test method | Value | Unit |
|---|-------------|-----------------|------|
| Density at 25 °C | | approx. 1,65 | g/ml |
| Viscosity at 25 °C Brookfield RV/DV-II Spl 96 rpm 5 | ISO 2555 | 600000 - 900000 | mPas |
| Styrene content | | 15 - 17 | % |
| Flash point | DIN 53 213 | + 32 | ° C |

Curing

Reactivity:

BÜFA method in accordance with DIN 16 945 6.2.2.1

(100 g bonding paste + 2 g Perkadox BT 50)

| | |
|--------------|---------------|
| 25 - 35 °C | 7.5 – 9.5 min |
| 25 °C - Tmax | 10 - 15 min |
| Tmax | 90 - 100 °C |

Gel time at 25 °C in a 100 g cup with 2 g Perkadox BT 50:

7.5 – 9.5 min

Attention!

The information given above refers exclusively to the use of the catalyst named and the quantity specified. The use of different products or differing quantities may yield different results.

Directions for use

If the bonding paste is mixed with the hardener by hand, the material should be poured into a second container after intensive stirring to ensure homogenous distribution of the peroxide.

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Storage/Handling

This product must be stored cool in closed containers, protected from sunlight. Shelf-life is at least 3 months in unopened, original containers stored up to a temperature of 20 °C. Gel and curing times may change with increasing duration of storage.

Note: The Information given above is based on our current state of knowledge and experience. In view of the many factors that may Influence working conditions and the application of our products, the user is not relieved from carrying out his own tests and experiments. No legally binding warranty of certain properties or suitability for a particular purpose can be derived from this information. It is the responsibility of the receiver or user of our products to observe proprietary rights as well as existing laws and regulations. The latest version of the corresponding EU Safety Data Sheet must also be observed.

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