

BÜFA® -Bonding Paste 0110

Unreinforced VE Bonding Paste
Prod. No. 740-0110

Technical Data Sheet

Product description

BÜFA® -Bonding Paste 0110 is a pre-accelerated bonding paste on an elasticised vinyl ester base. Because of the properties of the base resin in this bonding paste has a good heat resistance and excellent strength. BÜFA® -Bonding Paste 0110 is also very stable on vertical surfaces and can be worked by hand as well as with suitable metering equipment.

Applications

BÜFA® -Bonding Paste 0110 is used for bonding laminates subjected to high dynamic loads.

Specifications / technical data

Property	Test method	Value	Unit
Density at 20/23 °C	DIN EN ISO 2811	Approx. 1,2	g/ml
Viscosity at 20 °C Brookfield RV/DV-II spl 96 rpm 3	ISO 2555	1.500,000- 2.100,000	mPas
Gel time	TM 2259	55-62	min
Styrene content		41-44	%
Flash point	DIN EN ISO 1523	+34	°C
Solid content	EN ISO 1172	8-10	%
Fibre reinforced		no	

Curing

Reactivity of the intermediate:

BÜFA method in accordance with test method 2526

(100 g intermediate + 2.5 % by volume Curox M-303)

20 - 30 °C

55 - 70 min

Tmax

100 - 140 °C

Gel time of the bonding paste at 23 °C

in a 200 g cup with 5 ml Curox M-303:

55 - 70 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 mixture should be poured into a second container after it has been intensively stirred to ensure homogenous distribution of the peroxide. If circumstances permit, we recommend post-curing the moulded part for 6 hours at approx. 80 °C to achieve optimal properties of the cured resin.

Note:

The bonding paste 740-0110 has a German Lloyd approval.

Storage/Handling

This product must be stored cool in closed containers, protected from sunlight. Shelf-life is at least 5 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.

Rev. dated: 18.04.2017, Version: 16