

BÜFA®-Bonding Paste 0590

UP Light-Weight Bonding Paste, fibre reinforced

Prod. No. 7400590

Product description BÜFA®-Bonding Paste 0590 is a highly reactive, fibre reinforced bonding paste with low density. It is pre-accelerated and based on unsaturated, isophthalic acid polyester resin dissolved in styrene.

Applications BÜFA®-Bonding Paste 0590 was especially developed for bonding GRP moulded parts that must have good mechanical properties but also be light in weight, e.g. for the construction of rowing boats for racing purposes but also in vehicle construction. The bonding paste is worked by hand.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C	DIN 53 217/2	approx. 0.85	g/ml
	Viscosity at 20 °C Brookfield RV/DV-II spl 7 rpm 5	ISO 2555	580,000 - 780,000	mPas
	Styrene content		28 - 31	%
	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 ml Butanox M-50)

20 - 30 °C	5 - 9 min
20 °C - Tmax	11 - 19 min
Tmax	140 - 170 °C

Gel time at 20 °C in a 100 g cup with 2 ml Butanox M-50: 5 - 9 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 thorough mixing and mixed again to ensure homogenous distribution of the peroxide.

BÜFA®-Bonding Paste 0590

UP Light-Weight Bonding Paste, fibre reinforced

Prod. No. 7400590

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.

BÜFA Composite Systems GmbH & Co. KG
Hohe Looge 2-8
26180 Rastede
GERMANY
Phone +49 4402 975-0
Fax +49 4402 975-300
compositesystems@buefa.de
www.buefa.de
www.buefacompositesystems.com

A member of the BÜFA-Group