

BÜFA® - Bonding Paste 0053

UP Sandwich Bonding Paste

Prod. No. 740-0053

Technical Data Sheet

Product description

BÜFA®-Bonding Paste 0053 is a pre-accelerated, moderately reactive bonding paste with low density filled with light-weight, organic fillers. It is based on a flexibilised mixture of unsaturated orthophthalic acid polyester resins dissolved in styrene. Because of its cream consistence it can be easily and quickly applied to the surfaces to be bonded.

Applications

BÜFA®-Bonding Paste 0053 is a sandwich bonding paste that was especially developed for bonding GRP laminates with core layers made of synthetic rigid foam or balsa wood. It can only be worked by machine under certain conditions.

Specifications / technical data

Property	Test Method	Value	Unit
Density at 20 °C	Din 53 217/2	approx. 0,64-0,75	kg/m ³
Viscosity at 20°C Brookfield RV/DV-II Spl . rpm .	ISO 2555	600.000-800.000	mPas
Flash point	DIN 53 213	+32	°C
Styrene content		37-40	%

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 20 °C – Tmax Tmax	45-60 min 60-75 min 85-110 °C
Gel time at 20 °C in a 100 g cup with 2 ml Curox M-50		45-60 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.

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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