

## BÜFA®-SANDING-GELCOAT-S

UP Sanding Gelcoat, spraying quality

Prod. No. 717-9999

**Product description** BÜFA®-Sanding-Gelcoat-S is a pre-accelerated gelcoat in a spraying consistence based on special, elasticised, polyester resins. The gelcoat is distinguished by outstanding sanding properties.

**Applications** BÜFA®-Sanding-Gelcoat-S is suitable for moulded parts subjected to normal loads that are subsequently varnished, e.g. in machine and vehicle construction.  
BÜFA®-Sanding-Gelcoat-S is also distinguished by excellent working properties and a remarkably low styrene content.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C		approx. 1,1 - 1,3	g/ml
	Viscosity at 20 °C	ISO 2555	13 000 - 18 000	mPas
	Brookfield RV/DV-II Spl 4 rpm 4			
	Styrene content		25 - 31	%
	Flash point	DIN 53 213	+ 34	° C

**Curing** **Reactivity:**  
**BÜFA method in accordance with DIN 16 945 6.2.2.1**  
(100 g gelcoat + 2.0 ml Butanox M-50)

20 - 30 °C	7 - 14 min
20 °C - Tmax	17 - 24 min
Tmax	140 - 170 °C

**Gel time at 20 °C in a 100 g cup with 2.0 ml Butanox M-50:** 7 - 14 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. Density depends on pigmentation.

# BÜFA®-SANDING-GELCOAT-S

UP Sanding Gelcoat, spraying quality

Prod. No. 717-9999

## Colouring

BÜFA®-Sanding-Gelcoat-S is also available as a tinter variation in article group 517 through the Eurotinter System. Because of the mineral fillers it can only be pigmented to a limited extent. Always remember that the viscosity and reactivity of tinted gelcoats change through pigmentation. BÜFA®-Sanding-Gelcoat-S is also available as an unpigmented base gelcoat with higher viscosity and reactivity under Art. No. 717-0001.

## Properties of the cured base resin

<u>Property*</u>	<u>Test method</u>	<u>Value</u>
<b>Tensile strength</b>	ISO 527-2	45 - 52 MPa
<b>Tensile E-modulus</b>	ISO 527-2	2,800 - 3,200 MPa
<b>Elongation at break</b>	ISO 527-2	6 - 7 %
<b>Heat distortion temperature (HDT)</b>	ISO 75-A	approx. + 80 °C

\* Measured in a standard laboratory atmosphere on cast test specimens made of pure resin conditioned for 8 hours at + 80 °C.

## Directions for use

Our release agent system BF 500 /BF 700 has been tested and successfully used with this gelcoat. Before using other release agents, they should be tested for suitability under practical conditions. If circumstances permit, we recommend post-curing the moulded part for several hours at + 80 °C to achieve optimal gelcoat properties. Stir the gelcoat gently before using. For more information on working and curing, see the notes in our Technical Information leaflet, "Working with OLDOPAL Gelcoats".

## Note:

As opposed to most other gelcoats in our assortment, this gelcoat type is not intended to be a final coat but a substrate for a subsequently applied varnish. Before mouldings are varnished they should never be stored unprotected outdoors.

## 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.

# BÜFA®-SANDING-GELCOAT-S

**UP Sanding Gelcoat, spraying quality**

**Prod. No. 717-9999**

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 Gelcoat Plus GmbH & Co. KG  
Hohe Loohe 2-8  
26180 Rastede  
GERMANY  
Phone +49 4402 975-0  
Fax +49 4402 975-300  
gelcoatplus@buefa.de  
www.buefa.de  
www.buefagelcoatplus.com

A company of BÜFA and DSM Composite Resins