

BÜFA®-Marine-NPG-Gelcoat-S INT

ISO/NPG Gelcoat, spraying quality

Prod. No. 5489999

Product description BÜFA®-Marine-NPG-Gelcoat-S is a pre-accelerated gelcoat in a spraying consistence based on an unsaturated ISO/NPG polyester resin dissolved in styrene.

Applications BÜFA®-Marine-NPG-Gelcoat-S can be used for moulded parts that are subjected to high chemical, thermal and hydrolytic loads. The gelcoat also has excellent resistance to weather. BÜFA®-Marine-NPG Gelcoat-S was especially developed for use in boat and ship construction.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20/23 °C	DIN 53 217/2	1,2	g/ml
	Viscosity at 20 °C Brookfield RV/DV-II Spl.4, 4 rpm.	ISO 2555	16000	mPas
	Styrene content		39,5	%
	Flash point	EN ISO 3679:2014 Verfahren B	33,5	°C

Curing

Reactivity:
BÜFA method in accordance with DIN 16 945 6.2.2.1
 (100 g gelcoat + 2 ml Butanox M-50)

20 - 30 °C	10 - 18 min
20 °C - Tmax	20 - 30 min
Tmax	150 - 190 °C

Gel time at 20 °C in a 100 g cup with 2 ml Butanox M-50: 10 - 18 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. Pigmentation will influence the values given for density, reactivity and viscosity.

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Colouring

BÜFA®-Marine-NPG-Gelcoat-S can be supplied in many RAL colours and in a number of other shades of colour. It is also available as an unpigmented base gelcoat with higher viscosity and reactivity under Art. No. 748-0001. If there is sufficient order volume, colour matching is also possible.

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.

For more information on working and curing, see the notes in our Technical Information leaflet, "Working with BÜFA®-Gelcoats".

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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