

NEOGEL® ISO 2000

ISO Gelcoat, brushing quality

Prod. No. 6549999

Product description NEOGEL® ISO 2000 is a pre-accelerated gelcoat in a brushing consistence based on an unsaturated isophthalic acid polyester resin.

Applications Neogel® ISO 2000 can be used for moulded parts that are subjected to high chemical, thermal and hydrolytic loads. The gelcoat also has excellent resistance to weather.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C	DIN 53 217/2	1,1- 1,3	g/ml
	Viscosity at 20 °C Brookfield RV/DV-II spl. 6 rpm. 5	ISO 2555	31390 - 42500	mPas
	Viscosity at 20 °C Brookfield RV/DV-II spl. 6 rpm. 50	ISO 2555	7300 - 8500	mPas
	Styrene content		35 - 38	%
	Flash point	DIN 53 213	+34	°C

Curing	Reactivity TM 2626 (100 g gelcoat + 1 g Butanox M-50)		
	25 °C - gel point		13.0 - 17.0 min
	25 °C - 35 °C		21.3 – 32.3 min
	Tmax		162 - 198 °C
	Gel time at 25 °C in a 100 g cup with 1 g Butanox M-50:		13.0 – 17.0 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.

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Colouring

Neogel® ISO 2000 is also available as an unpigmented, base gelcoat with specified viscosity and reactivity under Art. No. 654-0001. A white pigmented version of this ISO gelcoat is also offered under Art. No. 654-9010. Colour matching is also possible if there is sufficient order volume.

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 OLDOPAL 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.

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

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