

BÜFA® -Topcoat-ISO-3000-H-A -nature

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BÜFA®-Topcoat-ISO-3000 products are pre-accelerated gelcoats made of unsaturated polyester resin. They are based on an unsaturated ISO polyester resin dissolved in styrene and (meth)acrylates. They convince by:

- excellent weathering properties-
- low chalking-
- easy processing

Profile

Product family	BÜFA®-Gelcoat-ISO-3000
Product type	Topcoat
Processing method	Hand quality
Pre-accelerated product	Yes
Resin base	Isophthalic acid (IP)
Production method	Batch manufacturing
Colour	transparent
Odour	like styrene

Application Range

BÜFA®-Topcoat-ISO-3000 products are suitable for molded parts exposed to severe weathering with normal hydrolysis stress.

They can be used, for example, in the automotive, commercial vehicle, agricultural machinery and construction machinery sectors.

Specification / Technical Data

Density (BM D01) approx.	1,16 g/mL
Flashpoint (BPV FP 02) approx.	45°C
Styrene content approx.	31.60 %

Technical Data Sheet //

Viscosity (BM V01) Viscosity at 20°C with spindle 6 and 5 rpm	45,000 - 60,000 mPas
Viscosity (BM V01) Viscosity at 20°C with spindle 6 and 50 rpm	10,500 - 13,500 mPas

The BÜFA testing standards define the testing scenario after the values are determined in our facilities. They relate to generally accepted standards and are available under request.

Curing

Reactivity	BM R01
Sample size	100g sample
Peroxide addition	Curox M-303 2.0 vol.%
Geltime (Reactivity 20-30°C)	8 - 13 min
Curing time (Reactivity 20°C-Tmax)	16 - 22 min
T-Max (Reactivity at 20 °C-Tmax)	160 - 190 °C

ATTENTION! The above information refers exclusively to the use of the peroxides mentioned here in the indicated dosage. If other products are used or if the dosage differs, the results may vary.

The inspection and assurance of the product quality (goods which meet the specifications) take place within the framework of quality control immediately after the product has been manufactured.

BÜFA®-Topcoat-ISO-3000-H-A-nature This product can be cured with commercially available ketone peroxides.

If circumstances permit, we recommend post-curing (tempering) the component for several hours at 80°C to optimise the moulding material properties.

Processing

For processing and curing, the instructions in our "Working with BÜFA®-Gelcoats" technical information leaflet must also be observed.

Colouring

This is a non-pigmented product.

Storage and handling

As a result of the wide range of factors which may influence the operating conditions and the application of the product, the user must still carry out their own tests and trials.

The product must be kept closed, cool, dry and protected from sunlight.

In unopened, original containers, the product can be processed for at least 3 months if properly stored at up to 20 °C.

Higher temperatures reduce storage life.

The setting and curing times as well as the viscosities may vary with longer storage periods.

The above details have been compiled to the best of our knowledge and are based on our current knowledge and experience. These details only constitute product descriptions. Under no circumstances do they constitute guarantees relating to quality or durability. The processor is obliged to carry out their own tests and investigations in order to take responsibility for any processing and application of our products in the processor's application area. The latest version of the corresponding EU safety data sheet must also be observed.