

BÜFA® -Gelcoat-ISO-3000-S-A-BF-08014-sepia brown

Art.-No. x248014

Status: 8/8/2025

BÜFA®-Gelcoat-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	GC-ISO-3000
Product type	Gelcoat
Processing method	Spray quality
Pre-accelerated product	Yes
Colour	brown
BF-Number	BF-08014
Odour	like styrene

Application Range

BÜFA®-Gelcoat-ISO-3000 products are suitable for molded parts exposed to extensive weathering under 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.	1.13
Flashpoint (BPV FP 02) approx.	39.5°C
Styrene content approx.	38.1
Viscosity (BM V01)	20,000 - 28,000

Viscosity at 20°C with spindle 4 and 4 rpm

Release-relevant data is provided exclusively in the CoA. The measurement values and ranges presented here in the TM are for orientation purposes only.

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	2.0 vol% Curox M-303
Geltime (Reactivity 20-30°C)	7 - 12
Curing time (Reactivity 20°C-Tmax)	11 - 19
T-Max (Reactivity Tmax at 20°C)	180 - 225

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.

BÜFA®-Gelcoat-ISO-3000-S-A-BF-08014-I-sepia brown can be cured with commercially available ketone peroxides.

2xx- Batch production

The inspection and verification of the product quality (according to specification) is carried out within the framework of quality control directly after the production of the batch product.

3xx- InPlant- and 4xx- Tinting production

The base products used in the colouring process were inspected within the framework of quality control with regard to their product quality (according to specification).

The pigmented Gelcoats produced in the tinting process are not subjected to any further inspection.

To optimize the molding material properties, we recommend post-curing (tempering) the component for several hours at 80 °C. This achieves the optimal gelcoat properties.

Processing

The gelcoat should be stirred gently before processing.

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

So far, the BÜFA release agent system BF 500 / BF 700 has been tested and used successfully for this gelcoat.

Other release agents should first be tested for their usability under practical conditions.

This gelcoat can be processed with appropriate application systems from the BÜFA®-Tec range.

ATTENTION! Use only dried and de-oiled compressed air!

Colouring

BÜFA®-Gelcoat-ISO-3000 gelcoats are based on an unpigmented base gelcoat with a higher viscosity and reactivity.

BÜFA®-Gelcoat-ISO-3000 gelcoats are available as a natural product, in most RAL colors and in a number of other shades.

basically unlimited

If demand is sufficient, colour adjustments are also possible.

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 stored closed, in a cool, dry place and protected from sunlight.

Higher temperatures reduce storage life.

Frost must be avoided.

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

In unopened and undamaged original containers, at storage temperatures of up to 20°C the product can be used for at least 3 months.

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.