

Specification / Technical Data

Density (BM D01) approx.	1.33 g/mL
Flashpoint (BPV FP 02) approx.	33.5°C
Styrene content approx.	32.4 %
Viscosity (BM V01) Viscosity at 20°C with spindle 2 and 50 rpm	450 - 650 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	1.5 vol% Curox M-303
Geltime (Reactivity 20-30°C)	35 - 50 min
Curing time (Reactivity 20°C-Tmax)	55 - 70 min
Tmax (Reactivity Tmax at 20°C)	125 - 140 °C

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

Processing

The resin should be stirred gently before use.

Before use, the resin should be tempered to temperatures of approx. 18 - 23 °C suitable for processing. Otherwise, both the viscosity and thus the impregnation behavior as well as the curing will be negatively affected.

Insufficient homogeneity can lead to processing errors.

BÜFA®-Resin VE 7100 Tooling kann mittels Handverfahren oder im Faserspritzverfahren verarbeitet werden. Die in einem Arbeitsgang zu erreichende Laminatdicke muss mindestens 3 mm dick sein. Zusätzliche Hinweise zur optimalen Verarbeitung befinden sich in d

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

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.

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

Technical Data Sheet //

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.