

BÜFA®-Firestop S 420

Fire Protection Laminating Resin

Prod. No. 7160420

Product description BÜFA®-Firestop S 420 is a pre-accelerated, thixotropic laminating resin that is highly reactive and low viscosity. It is produced from a special, DCPD resin dissolved in styrene.

The resin contains halogenfree flame retardants.

Applications BÜFA®-Firestop S 420 is used for the production of moulded parts with fire protection properties in HLU processes.

Specifications / technical data	Property	Test method	Value	Unit
	Viscosity at 20 °C Brookfield RV/DV-II Spl 3 rpm 100	ISO 2555	700-1400	mPas
	Density at 20 °C	DIN 53 217/2	1,18	g/ml
	Flash point	DIN 53 213	32	°C

Curing **Reactivity:**
BÜFA method in accordance with DIN 16 945 6.2.2.1
 (100 g resin + 2 g Curox M 303)

20 - 30 °C	30 – 35 min
20 °C - Tmax	45 – 60 min
Tmax	160 - 190 °C

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.

Directions for use Due to its high thixotropic stabilisation there is practically no settling out of the filler. Long stirring processes should be avoided; the resin should be gently stirred for a max. period of 0.5 h before using. "Gentle stirring" is understood as stirring at low speed just setting material at the edge of the container in motion. Only a minimum "whirlpool" effect should take place in the centre of the container.

BÜFA®-Firestop S 420

Fire Protection Laminating Resin

Prod. No. 7160420

Note: To achieve optimal mechanical and fire protection properties, the moulded parts should be post-cured for at least 8 hours at + 80 °C.

The thickness of the laminate and its entire construction, including any top coats, varnishes, applications, sandwich components, etc. also have a decisive influence on fire behaviour. Always remember that individual component tests are mandatory for most applications.

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

A member of the BÜFA-Group