

Crosslinking agent

Application: Emulsifiable, modified polyisocyanate to increase the water resistance and adhesion when mixed with various dispersion adhesives.

Characteristics/Directions for Use: Increases the adhesive's resistance to moisture, also increases the adhesive properties.

Please refer to the individual data sheets for the various dispersion glues. Containers which are used to pre-mix Jowat® crosslinking agent 195.40 may not be tightly closed (they may burst due to formation of CO₂). Processing time: 4 – 8 h (depending on the type of dispersion).

Appearance: colourless
Density at 20 °C [g/cm³]: approx. 1.14

Specification: Viscosity at 20 °C [mPas]: 1,300 ± 300
(Brookfield RV, spindle 2, 20 rpm)
NCO content [%]: 20.5 ± 1.5
(Jowat test method)

Cleaning: Machines and equipment soiled with the mix of glue and crosslinking agent can be cleaned after use with warm or cold water, using Jowat® cleaner concentrate 192.40. Parts only soiled with the crosslinking agent may be cleaned with Jowat® thinner 401.40 or 402.32. Cured adhesive compound can only be removed mechanically.

Storage: In properly closed original containers, cool and dry (15 – 25 °C). Best-before date, please refer to label on the packaging unit. Protect from frost.

Packaging: Types of packaging and units upon request.

Remarks: **For further information concerning safety, handling, transport and disposal, please refer to the Safety Data Sheet.**

Our information on this data sheet is based on test results from our laboratories as well as on experience gained in the field by our customers. It can, however, not cover all parameters for each specific application and is therefore not binding for us. The information given in this leaflet represents neither a performance guarantee nor a guarantee of properties, nature, condition, state or quality. No liability may be derived from these indications nor from the recommendations made by our free technical advisory service.

Jowat Information

Gluing as one of the most efficient methods of bonding is constantly gaining importance and expanding into new areas of application. At the same time, the number of substrates to be bonded is also growing at an unprecedented rate. New methods and equipment to process adhesives are developed.

The in-house R & D departments of Jowat are responding with intensive efforts to keep pace with these constant changes. A highly qualified team of chemists and engineers is using the latest techniques and brightest ideas to provide the utmost in advice our customers and to make sure that they get the adhesive which meets their needs.

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The processing company itself must therefore test the adhesives manufactured by us for suitability in each individual case. This applies to the first use of a sample as well as to modifications during an ongoing production.

We are therefore requesting all our new customers to test our adhesives for suitability on original parts at conditions equal to normal processing conditions. The bond has then to be subjected to the actual stress which it would undergo when in use and has to be assessed. This test is absolutely necessary.

Customers who undertake modifications during a running production are requested to pass this information on to us. Please notify us when machines are set to new parameters as well as when the substrates to be bonded are changed. Only then will Jowat be able to provide our most up-to-date information to the processor using our adhesives.

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