

Basonat[®] DS 3582

Adhesive Raw Materials



Chemical nature

Oligocarbodiimide

Technical data

Solids content	approx. 99 %
Viscosity	approx. 20–60 Pas
CDI-content	approx. 7 %

For detailed information see Specification Data-Sheet.

Application area

Basonat DS 3582 is an easily dispersible crosslinking component for carboxylic acid containing acrylic and polyurethane dispersions.

Processing

Before mixing to a dispersion to be crosslinked, Basonat DS 3582 should be predispersed. We recommend to add water under thorough stirring until a concentration of appr. 30 % is reached. In general, 2–8 parts of such a predispersed Basonat DS 3582 should be added to 100 parts of a dispersion. In order to avoid too fast reaction in the aqueous phase, the pH of the dispersion to be crosslinked should be in the slightly alkaline range. For the adjustment of pH a volatile alkali should be used, as non volatile alkali can block the reactivity of the carboxylic groups that shall react with Basonat DS 3582 in the adhesive film. The shelf life of such an adhesive depends on the nature of the additives. It can last up to several weeks. The crosslinking of the carboxylic groups can be accelerated by heating the bond which very often yields in increased heat-resistance.

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