

Technical Information

Adhesin D 5990-22



Type of adhesive gumming adhesive based on a blend of synthetic resin and dextrin

Field of application Manufacture of Envelopes:
gumming of envelopes and mailing bags

Product specification
Viscosity

2.500 - 5.500 mPa.s

Test Method

Brookfield RVT 4/20/20

pH-value

4,0 ± 1,0

ISO 976

The product is currently undergoing extensive practical tests and is still experimental stage. Technical data may change.

Properties

Adhesin D 5990-22 is a fast setting gumming adhesive. Adhesin D 5990-22 forms a light-glossy film and shows good lay-flat properties. Due to the lay-flat properties and the high initial tack by wetting, Adhesin D 5990-22 is also suitable for the gumming of envelopes on inserting machines.
The adhesive amount depends on the structure of the surface and on the paper quality. For envelopes we recommend an adhesive amount of 18-22 g/m² and for pockets of 25-28 g/m² (dried substance) .

Processing

Application

by means of rollers, segment
Most suitable working temperature 18 - 25 °C.

Dilution

Adhesin D 5990-22 can be diluted with cold water if required.

Cleaning:

Uncured adhesive residues can easily be removed with water.

Disposal

see Safety Data Sheet

Protective Measures

see Safety Data Sheet

Storage Conditions/ Shelf Life

In closed original packaging 6 months from date of production. Optimum storage temperature: 15 - 25 °C, protect from frost. Close containers thoroughly after use.

The Information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention.
Düsseldorf, Februar 2007