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We look forward to providing you with more information about our latest innovations.

Everad® HCE 9100

EVA hotmelt adhesive in granulates

Description

Everad® HCE 9100 is a hotmelt adhesive in granulates.

Packaging:

25 kg sack.

Basis:

EVA resins.

Color:

Light yellow.

Suggested usage

Everad® HCE 9100 is a hotmelt adhesive in granulates for bonding pocket-springs (non-woven) together in the mattress industry.

The adhesive can also bond paper, cardboard, foams and other various substrates after trials.

Before using, ensure through testing that the product complies with the expected use.

Processing

Processing:

Acclimatize all materials before application of the adhesive.

The information is based on tests at a material humidity of 8-10%, an air relative humidity of 65% measured at 20 °C. Values may vary depending on material and working conditions.

Application method:

Manual and mechanical (in line with nozzle or by roll).

Melting time:

Approx. 20 minutes depending on type of machine.

Application temperature:

160 °C in the tank.

Ambient and substrates temperature:

18-20°C.

Application temperature:

160 °C in the tank.

Break of work:

In case of break of work, it is suggested to reduce of 30-40 °C the temperatures to avoid a degradation of the performance of the product.

Open time :

Approx. 3 to 7 sec. (depending on grammage, temperature, substrates and environmental conditions).

Setting time:

Approx. 2-3 seconds (depending on grammage, temperature, substrates and environmental conditions).

Chemical and physical properties

Aspect:

Granulates.

Solid content:

100%.

Viscosity:

Approx. 2 500 mPa.s at 160 °C., 5 000 mPa.s at 170 °C.

Viscosity measured after production. Values may fluctuate up or down during the storage of the product.

Softening point (ASTM E 28):

Approx. 109 °C.

Flammability:

Non-flammable.

Frost resistance:

Frost resistant.

Working safety

Please follow instructions on the safety data sheet.

There is no legal requirement of precautionary measures. To avoid the risk of allergy, it is advisable to work with gloves or protect hands with barrier cream.

Clean-up

Use Everad® HNE D-Col 12 to clean the equipment.

Storage

Cool and dry in unopened original packaging 12 months after production.

Guarantee

We guarantee the consistency and faultless quality of this product, manufactured in accordance with ISO quality standards, which has been developed on the basis of our long-standing experience with the recommended applications under the specified conditions. Material, processing, and application conditions may significantly influence product properties. Pre-application tests by the user are therefore essential. For non-specified applications or deviations in application conditions, we recommend that our technical support service be consulted first. Our general sales and delivery terms and conditions shall apply.