

Technical Data Sheet

Zelumelt 1034/7.2

1 Description

In the course of public discussion about sustainability Zelu has decided to contribute its part and has developed Zelumelt 1034/7.2 with particularly high biobased content. According to the information available to us this product has a biobased content of more than 55% (EN 16785-1).

Zelumelt 1034/7.2 is a specially designed adhesive for the use in mattress industry to bond foam with each other and with cover materials. It can also be applied in the production of upholstered furniture. The adhesive has an excellent initial and final tack, a high shear and peel strength. Zelumelt 1034/7.2 offers a low working viscosity and is very low in odor. The adhesive film provides a high flexibility and is resistant to heat, cold and water.

2 Technical Data

Basis	Thermoplastic rubber
Biobased content	> 55%
Density	approx. 0.95 g/cm ³
Viscosity	approx. 4000 mPas (Brookfield, at 160 °C)
Softening Point	approx. 75 °C (Ring&Ball ASTM E 28)
Color	slightly yellowish
Recommended working temperature	150 - 175 °C
Pretreatment	Surfaces have to be free from grease or oil
Open time	ca. 3 min
Delivery form	Pillow

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3 Application

Zelumelt 1034/7.2 can be applied one sided by automatic machines, spray or roller application. The adhesive should not be kept for too long at high temperatures (>180 °C) as this reduces the processing viscosity and heat resistance. Open time depends on the application temperature, application quantity and substrates to be bonded.

Slight differences in the color of the hotmelt adhesive do not represent a quality feature.

4 Shelf life

Zelumelt 1034/7.2 can be stored in well closed original packing cool and dry under 30 °C up to 12 months. The material must be protected from direct sunlight.

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