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

Everad[®] ADP 7011.10

Description

Delivery form:

1000 kg in premium container.

Base:

Acrylic, emulsifier system: APEO free

Colour:

White.

Suggested usage

Everad[®] ADP 7011.10 is a waterbased pressure sensitive adhesive with medium adhesion on glass and steel, good shear properties at elevated temperature and good water resistance. Everad[®] ADP 7011.10 is suitable for tapes based on foil, film, foam and paper.

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

Processing

Everad[®] ADP 7011.10 can be applied by air knife and roll coating systems. The drying temperature should be between 100 °C and 160 °C depending on the equipment. On request viscosity can be adjusted to meet coating equipment requirements.

Chemical and physical properties in the liquid form

Solids content:

Approx. 60%.

Viscosity:

Approx. 10 000 mPa·s (20°C, Spindel 5, 20 rpm).

pH value:

Approx. 7.5.

Film properties

Glass transition temperature: (T_g)

- 40 °C..

Adhesive and cohesive properties

Typical values of a 25 g/m² coating on polyester film

180° Peel adhesion:

(PSTC 101) Approx. 8 N/inch (after 20 Min.)

Approx. 11 N/inch (after 24 H).

Loop-Tack:

(FINAT 9) Approx. 13 N/inch.

Rolling ball:

(PSTC 6) > 25 cm.

Shear at 23 °C:

(500g/12,5x12,5mm/PSTC 107) Approx. 2'500 Min.

Shear at 40 °C:

(1000g/12,5x25mm/PSTC 107) Approx. 700 Min.

Shear adhesion failure temperature SAFT:

(0,5°C/min./1000g/12,5x25mm) Approx. 110 °C.

Clean-up

With water as long as the dispersion has not dried out.

Surface-active agent can be added if necessary.

Storage

Storage at a temperature of +5 °C up to +30 °C.

In well sealed original packaging 1/2 year minimum. Freezes at approx. 0 °C and is then no longer usable. Please note the expiry date printed on the container.

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.