

Technical Datasheet - Recycled Paper Labels

Paper - Natural White Recycled

Label material:

Natural white label paper, semi-gloss coated on one side, made from 100% post-consumer recycled fibre

Grammage: approx. 80 g/m² ISO 536

Caliper: approx. 76 µm ISO 534

Tensile strength MD: approx. 50 N/15 mm DIN 53112

Tensile strength CD: approx. 25 N/15 mm DIN 53112

Stiffness MD: approx. 170 mN DIN 53121

Stiffness CD: approx. 84 mN DIN 53121

Surface gloss (angle: 60° to the perpendicular): approx. 20 GU ISO 2813

Opacity: approx. 98% ISO 2471

Adhesive:

Permanent adhesive, acrylic based

Tack: very high

Peel adhesion: very high

Shear: very high

Minimum application temperature: -10°C

Service temperature: -30°C to +80°C

Release liner:

Honey, supercalendered glassine

Grammage: approx. 56 g/m² ISO 536

Caliper: approx. 49 µm ISO 534

Tensile strength MD: approx. 74 N/15 mm DIN 53112

Tensile strength CD: approx. 32 N/15 mm DIN 53112

Transparency: approx. 52 % DIN 53147

Direct application to food:

This paper is approved according to the BfR Recommendation XXXVI. This paper grade may be used safely for food packaging. It may stand in direct contact with dry, non-fatty foodstuffs and such kind of foodstuffs which are peeled, shelled or washed before consumption and may also be used for secondary packaging. (ISEGA Research and Development Institute, Aschaffenburg). All ingredients of the adhesive comply with recommendation BfR XIV or FDA 21 CFR 175.105 (Adhesives). The pressure-sensitive adhesive can be safely used for the back coating of labels for the labelling of foodstuffs for storage at room temperature and below. It may be used in direct contact with dry, moist and fatty foodstuffs that can be assigned a correction factor of at least 3 in accordance with Regulation (EU) No. 10/2011. The paper complies with recommendation BfR XXXVI.