

Technical Datasheet - Compostable Labels

Paper - Gloss White Compostable

Label material:

White label paper, semi-gloss coated on one side

Grammage: approx. 70 g/m² ISO 536

Caliper: approx. 65 µm ISO 534

Tensile strength MD: approx. 75 N/15 mm DIN 53112

Tensile strength CD: approx. 38 N/15 mm DIN 53112

Stiffness MD: approx. 140 mN DIN 53121

Stiffness CD: approx. 75 mN DIN 53121

Surface gloss (angle: 60° to the perpendicular): approx. 23 GU ISO 2813

Opacity: approx. 87% ISO 2471

Adhesive:

Permanent adhesive, compostable

Tack: high

Peel adhesion: high

Shear: very high

Minimum application temperature: -5°C

Service temperature: -10°C to +60°C

Release liner:

White, supercalendered glassine

Grammage: approx. 56 g/m² ISO 536

Caliper: approx. 48 µm ISO 534

Tensile strength MD: approx. 80 N/15 mm DIN 53112

Tensile strength CD: approx. 33 N/15 mm DIN 53112

Transparency: approx. 53 % DIN 53147

Direct application to food:

The paper complies with BfR XXXVI recommendations for direct contact with dry and non fatty food.

All ingredients of the adhesive comply with the recommendations BfR XIV or FDA 21 CFR 175.105 (Adhesives).