

## Technical Datasheet - Poly Labels

### Polypropylene - Gloss White

**Label material:**

White, glossy, biaxially oriented polypropylene film with topcoat

Grammage: approx. 45 g/m<sup>2</sup> ISO 536

Caliper: approx. 60 µm ISO 534

Tensile stress MD: approx. 105 N/mm<sup>2</sup> ISO 527

Tensile stress CD: approx. 185 N/mm<sup>2</sup> ISO 527

Surface gloss (Angle: 60° to the

perpendicular): approx. 90 % DIN EN ISO 2813

Opacity: approx. 85 % ISO 2471

**Adhesive:**

Permanent, transparent acrylic based adhesive

Tack: high

Peel adhesion: high

Shear: extremely high

Minimum application temperature: 0 °C

Service temperature: -30 °C to +80 °C

**Release liner:**

White, supercalendered glassine

Grammage: approx. 62 g/m<sup>2</sup> ISO 536

Caliper: approx. 54 µm ISO 534

Tensile strength MD: approx. 88 N/15 mm DIN 53112

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

Transparency: approx. 51 % DIN 53147

**Direct application to food:**

ISEGA certification for dry, damp, & fatty foodstuffs.

(Correction factor 3)

### Polypropylene - Matt White

**Label material:**

White, matt, polypropylene film with topcoat

Grammage: approx. 47 g/m<sup>2</sup> ISO 536

Caliper: approx. 65 µm ISO 534

Tensile stress MD: approx. 80 N/mm<sup>2</sup> ISO 527

Tensile stress CD: approx. 180 N/mm<sup>2</sup> ISO 527

Opacity: approx. 87 % ISO 2471

**Adhesive:**

Permanent, transparent acrylic based adhesive

Tack: high

Peel adhesion: high

Shear: extremely high

Minimum application temperature: 0 °C

Service temperature: -30 °C to +80 °C

**Release liner:**

White, supercalendered glassine

Grammage: approx. 62 g/m<sup>2</sup> ISO 536

Caliper: approx. 54 µm ISO 534

Tensile strength MD: approx. 88 N/15 mm DIN 53112

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

Transparency: approx. 51 % DIN 53147

**Direct application to food:**

ISEGA certification for dry, damp, & fatty foodstuffs.

(Correction factor 3)