



Technical data sheet

# MACpropy 699 T.C. MR 980 with or without GP - Century 6 HD White

**FACE MATERIAL**

MACpropy 699 T.C. is a clear glossy biaxially oriented polypropylene film with a print receptive top coating\*. Good conversion and application properties.

**Application**

This product is mainly used for production of labels for cosmetics and household products. Good stiffness.

**\*Remark : We recommend to avoid any corona treatment of the surface. Indeed there could be a reaction with the adhesive close to the edges of the ungummed area, which could lead to release problems.**

**Technical characteristics**

|                     |                          |           |
|---------------------|--------------------------|-----------|
| Thickness           | 50 ± 4 µm                | ISO 534   |
| Weight              | 46 ± 4 gr/m <sup>2</sup> | ISO 536   |
| Tensile strength MD | ≥ 70 N/15mm              | DIN 53455 |
| Resistance CD       | ≥ 120 N/15mm             | DIN 53455 |
| Glossy              | ≥ 83%                    | DIN 67530 |
| Transparency        | ≥ 95%                    | DIN 53146 |

**ADHESIVE**

**A removable high performance acrylic adhesive with medium tack, low adhesion and high cohesion.**

This adhesive has excellent wetting properties and may therefore be applied below 0°C.

**Certification :** Direct contact dry and moist non-fatty foodstuffs ( 26321 U 08 )

**Properties**

|                     |                   |                      |       |
|---------------------|-------------------|----------------------|-------|
| High Speed Release  | 0,28 ± 0,10       | N/25mm at 100 m/min. | FTM 4 |
| Low Speed Release   | 0,08 ± 0,03       | N/25mm at 300 mm/min | FTM 3 |
| Quick Tack          | ≥ 3,5             | N/25 mm on glass     | FTM 9 |
| Final Peel (20 min) | ≥ 2               | N/25 mm on glass     | FTM 1 |
| Cohesion            | ≥ 200             | Hours on glass       | FTM 8 |
| Appl. temperature   | ≥ -20°C           |                      |       |
| Service temperature | from -40 to +80°C |                      |       |

**BACKING**

High density, super calendered glassine backing paper. Constant calliper, good strength properties and even compressibility (die-cutting ability). Good translucency for optical scanning.

**Technical characteristics**

|                     |                          |           |
|---------------------|--------------------------|-----------|
| Thickness           | 55 ± 4 µm                | ISO 534   |
| Weight              | 65 ± 4 gr/m <sup>2</sup> | ISO 536   |
| Tensile strength MD | Typ. Value 90 N/15 mm    | DIN 53455 |
| Resistance CD       | Typ. Value 55 N/15 mm    | DIN 53455 |
| Transparency        | ≥ 48 %                   | DIN 53147 |

**Shelf life :** 3 years when stored at 15-25°C, (50±5) % relative humidity, in the original packaging.



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