



## 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 ( 29908 U 10 )

#### 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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*Contains more than 0.1% (w/w) of Bis(2-ethyl(hexyl)phthalate) (DEHP) CAS number 117-81-7. You can find more information on this substance on <http://www.dehp-facts.com/>*