



# MEDACLEAR 699 T.C. MP 199 Crystalback

## FACE MATERIAL

**MEDACLEAR 699 TC : 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.

### Technical characteristics

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

## ADHESIVE

**MP 199 is a permanent acrylic, emulsion based adhesive, high clarity, with good adhesion and tack properties.**

This adhesive has medium adhesion on non-polaric and difficult substrates and is suitable for high converting speeds, achieving optimal dispensing.

**Certification :** Direct contact dry and moist non-fatty foodstuffs ( 20974 U 05 )

### Properties

<b>High Speed Release</b>	0,10 ± 0,03	N/25mm at 100 m/min.	FTM 4
<b>Low Speed Release</b>	0,04 ± 0,02	N/25mm at 300 mm/min	FTM 3
<b>Quick Tack</b>	≥ 7	N/25 mm on glass	FTM 9
<b>Final Peel (20 min)</b>	≥ 5	N/25 mm on glass	FTM 1
<b>Cohesion</b>	≥ 10	Hours on glass	FTM 8
<b>Appl. temperature</b>	≥ +5°C		
<b>Service temperature</b>	from -10 to +80°C		

## BACKING

Milky polyester backing used to highlight transparent face material (« no label look ») as well as for high speed dispensing applications.

### Technical characteristics

<b>Thickness</b>	36 ± 4 µm	ISO 534
<b>Weight</b>	50 ± 4 gr/m <sup>2</sup>	ISO 536
<b>Transparency</b>	≥ 87 %	DIN 53147

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



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