



Technical data sheet

MACpropy 699 T.C. MP 318N Clear PET 36 HR

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, household and pharmaceutical products (vials, ampoules, syringes, etc.). Good stiffness.

Technical characteristics

Thickness	50 ± 4 µm	ISO 534
Weight	46 ± 4 gr/m ²	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 clear permanent acrylic adhesive with high ultraviolet and weathering resistance. Non staining adhesive. Optical clarity.

Good resistance to chemicals and heat.

MP 318N offers excellent adhesion properties and cohesive strength, with inherent resistance to stringing allowing excellent convertibility. MP318N complies with REACH regulation.

Properties

High Speed Release	0,22 ± 0,04	N/25mm at 100 m/min.	FTM 4
Low Speed Release	0,06 ± 0,03	N/25mm at 300 mm/min	FTM 3
Quick Tack	≥ 13	N/25 mm on glass	FTM 9
Final Peel (20 min)	≥ 9	N/25 mm on glass	FTM 1
Cohesion	≥ 100	Hours on glass	FTM 8
Appl. temperature	≥ +0°C		
Service temperature	from -20 to +90°C		

BACKING

Clear backing used to highlight transparent face material as well as for high speed dispensing applications.

Technical characteristics

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

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


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