



Hostaphan[®] MT

Matte film with higher roughness

Hostaphan[®] MT is a biaxially oriented, matte film, made of polyethylene terephthalate (PET). It has a regular matte surface on both sides. The matte appearance is independent from the inspection angle.

Typical properties

Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD*	TD*		
MECHANICAL						
Tensile strength	50 100	N/mm ²	160 170	200 210	ISO 527-1-2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	50 100	%	140 140	90 90	ISO 527-1-2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	50 100	%	1.1 1.1	0.1 0.6	DIN 40634	150°C, 15 min.
OPTICAL						
Transparency	50 100	%	80 70		ASTM-D 1003-61 method A	-
Haze	50, 100	%	100		ASTM-D 1003-61 method A	Enlarged measurement angle
SURFACE						
Coefficient of friction (static)	50, 100	-	0.4		DIN53375 or ASTM-D 1894	-
Gloss	50, 100	-	23		DIN 67530	Measuring angle 60°
Roughness Ra value	50, 100	nm	550		DIN 4762	Cut off 0,25 mm
PHYSICAL/CHEMICAL						
Density	50, 100	g/cm ³	1.39		ASTM-D 1505-68 method C	23°C

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MD = Machine direction, TD = Transverse direction


Delivery program Hostaphan® MT

Thickness μm	Thickness range μm	Yield		Roll length m	Roll diameter mm	Roll length m	Roll diameter mm
		g/m ²	m ² /kg				
50	±2.5	70	14	3 200	485	6 400	670
100	±5.0	140	7.2	1 600	485	3 200	670

Other roll lengths on request. Core diameter: 152,4 mm (6")