

# **HOSTAPHAN®**

### Hostaphan® XMTK

#### Extra matte film

Hostaphan® XMTK is a biaxially oriented coextruded, extra matte film, made of polyethylene terephthalate (PET). It has a very matte surface on both sides with an optical appearance independent from the inspection angle. The TD (transverse direction) shrink is close to zero.

### **Typical properties**

Property	Thickness	Units	Value		Test Method	Test Conditions
	μm		MD	TD		
MECHANICAL						
Tensile strength	75	N/mm²	160	220	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	75	%	150	90	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	75	%	1.2	0.1	DIN 40634	150°C, 15 min.
OPTICAL						
Transparency	75	%	58		ASTM-D 1003-61 method A	-
SURFACE						
Coefficient of friction (static)	75	-	0.35		DIN53375 or ASTM-D 1894	-
Gloss	75	-	10		DIN 67530	Measuring angle 60°
Roughness Ra value	75	nm	680		DIN 4768	Cut off 0.25 mm
PHYSICAL/CHEMICA	AL .					
Density	75	g/cm³	1.	37	ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction

### **Delivery program Hostaphan® XMTK**

Thickness	Yield		Roll length	Roll-
				diameter
μm	g/m²	m²/kg	m	mm
75	103	9.7	4 000	650

Other roll lengths on request. Core diameter: 152.4 mm (6")



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