



Hostaphan® MPKK 10

Highly matte polyester film

Hostaphan® MPKK is a biaxially oriented film, made of polyethylene terephthalate (PET). It is characterized by two consistent matte surfaces and a strong light dispersion.

Typical properties

Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	10	N/mm ²	250	250	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	10	%	115	95	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young’s Modulus	10	N/mm ²	4400	4800	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 1 %/min.; 23 °C, 50 % r.h.
F5-value (stress to obtain 5% elongation)	10	N/mm ²	100	95	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	10	%	1.7	0.1	DIN 40634	150°C, 15 min.
OPTICAL						
Transparency	10	%	88		ASTM-D 1003-61 method A	-
SURFACE						
Coefficient of friction (static)	10	-	0.35		DIN53375 or ASTM-D 1894	-
Gloss	10	-	62		DIN 67530	Measuring angle 60°

MD = Machine direction, TD = Transverse direction

Applications:

- Release films for the production of polymer panels with matte surfaces
- Hot stamping films for matte surfaces effects
- Laminates with matte surfaces
- Diffuser film for light



Delivery program Hostaphan® MPKK

Thickness	Yield		Roll length	Roll-diameter
	μm	g/m^2 m^2/kg		
10	14	72	On request	On request

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

This Hostaphan® film is permitted for food contact according to the current version of EU Regulation 1935/2004 and 10/2011 as well as FDA regulation 21 CFR 177.1630 under the conditions set out in our current Declaration of Compliance. Before using this Hostaphan® film in a food contact article, please request this Declaration of Compliance.

This data sheet reflects our state of knowledge at the time this was prepared. The purpose is to provide an overview of the characteristics of our products and their potential uses. The values given reflect the typical characteristics of the film. They are not specification limits. They are neither a guarantee of specific properties nor the suitability of products in specific applications. The user must observe industrial property rights, such as patents or trademarks. The quality of our products is covered by the terms of the General Conditions of Sale of MITSUBISHI POLYESTER FILM GmbH.