

HOSTAPHAN®

Preliminary data sheet

Hostaphan® SLK

Super-matte polyester film with high roughness and isotropic shrinkage

Hostaphan® SLK is a biaxially oriented coextruded, super-matte film, made of polyethylene terephthalate (PET). It has a regular matte surface on both sides. The visual matte appearance is independent from the inspection angle.

Typical properties

Property	Thickness	ness Units Value		lue	Test Method	Test Conditions			
	μm		MD	TD					
MECHANICAL	1ECHANICAL								
Tensile strength	23	N/mm²	160	250	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.			
Elongation at break	23	%	120	60	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.			
THERMAL									
Shrinkage	23	%	1.4	1.5	DIN 40634	150°C, 15 min.			
OPTICAL									
Transparency	23	%	78		ASTM-D 1003-61 method A	-			
SURFACE									
Coefficient of friction (static)	23	-	0.3		DIN53375 or ASTM-D 1894	-			
Gloss	23	-	20		DIN 67530	Measuring angle 60°			
Roughness Ra value	23	nm	500		DIN 4768	Cut off 0.25 mm			
PHYSICAL/CHEMICAL									
Density	23	g/cm³	1.4		ASTM-D 1505-68 method C	23°C			

MD = Machine direction, TD = Transverse direction

Delivery program Hostaphan® SLK

Thickness	Yield		Roll length	Roll-
				diameter
μm	g/m²	m²/kg	m	mm
23	32	31	9 600	570

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



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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.

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