



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 μm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	23	N/mm ²	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/cm ³	1.4		ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction

Delivery program Hostaphan® SLK

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

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



HOSTAPHAN®

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.

Edition 07/23