

Hostaphan® MT NSR4B

Matte polyester film with silicone-free release coating

Hostaphan® MT NSR4B is a biaxially oriented matte film made of polyethylene terephthalate (PET). It comprises a silicone-free release coating on both sides. It shows good release to various materials.

Typical properties

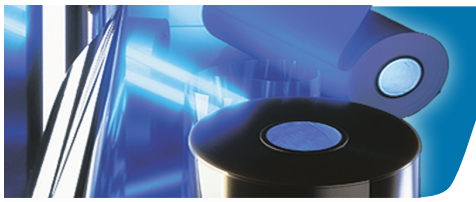
Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	50	N/mm ²	165	200	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	50	%	150	110	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	50	%	1.1	0.2	DIN 40634	150°C, 15 min.
OPTICAL						
Transparency	50	%	80		ASTM-D 1003-61 method A	-
SURFACE						
Coefficient of friction (static)	50	-	0.4		DIN53375 or ASTM-D 1894	-
Gloss	50	-	24		DIN 67530	Measuring angle 60°
Roughness	50	nm			DIN 4768	Cut off 0.25 mm
Ra			550			
Rt			4600			
Rz	3300					
PHYSICAL/CHEMICAL						
Density	50	g/cm ³	1.39		ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction

Delivery program Hostaphan® MT NSR4B

Thickness μm	Yield		Roll length <i>m</i>	Roll-diameter <i>mm</i>
	g/m ²	m ² /kg		
50	70	14	On request	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 05/21



 **MITSUBISHI POLYESTER FILM GmbH**

Kasteler Str. 45 • 65203 Wiesbaden/Deutschland • marketing@m-petfilm.de • www.m-petfilm.de