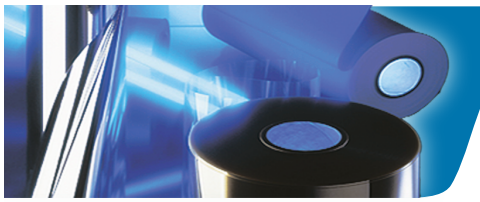

HOSTAPHAN®

Hostaphan® MHSL

Matte, heat-sealable polyester film for lamination

Hostaphan® MHSL is a biaxially oriented, coextruded film, made of polyethylene terephthalate (PET) which is characterized by outstanding properties like excellent sealability on one side and a low gloss surface on the other side.

Typical properties

Property	*Thickness µm*	*Units*	*Value*		*Test Method*	*Test Conditions*
			MD	*TD*		
MECHANICAL						
Tensile strength	15	N/mm^2	200	210	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	15	%	110	100	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young´s Modulus	15	N/mm^2	4100	4600	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 1 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	15	%	1.5	0.2	DIN 40634	150°C, 15 min.
OPTICAL						
Transparency	15	%	90		ASTM-D 1003-61 method A	-
Haze	15	%	48		ASTM-D 1003-61 method A	Enlarged measurement angle
SURFACE						
Gloss	15	-	30		DIN 67530	Measuring angle 60°
PHYSICAL/CHEMICAL						
Density	15	g/cm^3	1.4		ASTM-D 1505-68 method C	23°C
HEAT SEAL/PEEL PARAMETERS						
Sealing strength	15	N/15 mm	2-3		-	Finseal @130°C, 4 bar, 0.5 sec, T-peel
Seal temperature range	15	°C	> 120		-	-

MD = Machine direction, TD = Transverse direction

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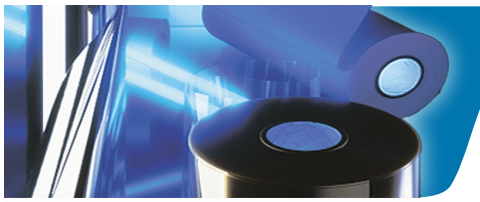

HOSTAPHAN®

Delivery program Hostaphan® MHSL

Thickness	*Yield*		*Roll length*	*Roll-diameter*
µm	*g/m²*	*m²/kg*	*m*	*mm*
15	21	48	On request	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.

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