

## Hostaphan® BMST

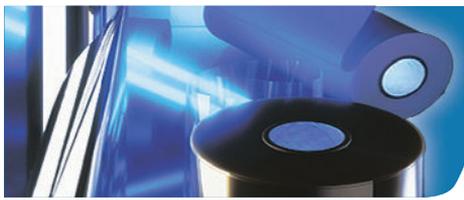
### Black, light blocking polyester film

Hostaphan® BMST is a black, heat sealable, biaxially oriented film made of polyethylene terephthalate (PET) with a medium opacity. It is characterized by its excellent sealability and a high gloss surface.

### Typical properties

Property	Thickness $\mu\text{m}$	Units	Value		Test Method	Test Conditions
			MD	TD		
<b>MECHANICAL</b>						
Tensile strength	12	N/mm <sup>2</sup>	190	210	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	12	%	100	80	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young's Modulus	12	N/mm <sup>2</sup>	4200	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)	12	N/mm <sup>2</sup>	110	110	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
<b>THERMAL</b>						
Shrinkage	12	%	1.5	0.0	DIN 40634	150°C, 15 min.
<b>OPTICAL</b>						
Transparency	12	%	< 4		ASTM-D 1003-61 method A	-
Optical density	12	-	> 1.0		Internal method Similar to JIS K7605	-
<b>SURFACE</b>						
Gloss	12	-	80		DIN 67530	Measuring angle 20°
<b>PHYSICAL/CHEMICAL</b>						
Density	12	g/cm <sup>3</sup>	1.4		ASTM-D 1505-68 method C	23°C
<b>HEAT SEAL-/PEEL PARAMETER</b>						
Sealing strength	12	N/15 mm	2-3		-	Finseal @130°C, 4 bar, 0.5 sec, T-peel
Minimum sealing temperature	12	°C	130		-	-

MD = Machine direction, TD = Transverse direction



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## Delivery program Hostaphan® BMST

Thickness <i>μm</i>	Yield		Roll length <i>m</i>	Roll-diameter <i>mm</i>
	<i>g/m<sup>2</sup></i>	<i>m<sup>2</sup>/kg</i>		
12	17	60	On request	On request

Core diameter: 152.4 mm (6")

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