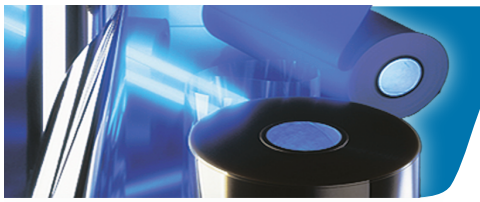

HOSTAPHAN®

Preliminary data sheet

Hostaphan® WWB

Light blocking polyester film with one black and one white surface

Hostaphan® WWB is a coextruded high optical density film with one bright white surface and one black surface, which is made of polyethylene terephthalate (PET). The film is sulphate-free and based on titaniumdioxyde as white pigment. The black surface is non-conductive.

Typical properties

Property	*Thickness µm*	*Units*	*Value*		*Test Method*	*Test Conditions*
			MD	*TD*		
MECHANICAL						
Tensile strength	25, 36	N/mm^2	167	243	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	25, 36	%	180	108	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young´s Modulus	25, 36	N/mm^2	3600	4950	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)	25, 36	N/mm^2	99	95	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	25, 36	%	1.0	0.75	DIN 40634	150°C, 15 min.
OPTICAL						
Whiteness (Berger) (white side)	25, 36	-	110		ASTM-E 308	In reflection
CIE Lab L* white side black side	25, 36	-	91 35		ISO 7724	In reflection
Optical density	25, 36	-	4.5		Macbeth TD 904	Red filters
PHYSICAL/CHEMICAL						
Density	25, 36	g/cm^3	1.49		ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction

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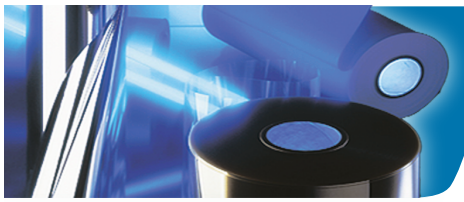

HOSTAPHAN®

Delivery program Hostaphan® WWB

Thickness	*Yield*		*Roll length*	*Roll-diameter*	*Roll length*	*Roll-diameter*
µm	*g/m²*	*m²/kg*	*m*	*mm*	*m*	*mm*
25	37	27	4 000	398	8 000	537
36	54	18.5	8 000	635	12 000	770

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

Edition 04/21

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