



## Hostaphan® WF

### Extremely flame retardant, white polyester film

Hostaphan® WF is a white glossy film with made of polyethylene terephthalate (PET) with a phosphorous based non migrating halogene free flame retardand. It is characterized by its very low flameability achieving VTM-0 in the UL94 flameability test.

### Typical properties

Property	Thickness $\mu\text{m}$	Units	Value		Test Method	Test Conditions
			MD	TD		
<b>MECHANICAL</b>						
Young's Modulus	50	N/mm <sup>2</sup>	3600	4200	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 1 %/min.; 23 °C, 50 % r.h.
<b>THERMAL</b>						
Shrinkage	50	%	2.0	0.6	DIN 40634	150°C, 15 min.
<b>OPTICAL</b>						
Transparency	50	%	40		ASTM-D 1003-61 method A	-
Whiteness (Berger)	50	-	80		ASTM-E 308	In reflection
<b>PHYSICAL/CHEMICAL</b>						
Density	50	g/cm <sup>3</sup>	1.43		ASTM-D 1505-68 method C	23°C
<b>FLAMMABILITY RATING</b>						
Burning class	50	-	VTM-0		UL 94	Internal Test

MD = Machine direction, TD = Transverse direction

Hostaphan® WF 36 and WF 75 should achieve VTM-0 too, but have not been tested jet.

### Delivery program Hostaphan® WF

Thickness $\mu\text{m}$	Yield		Roll length <i>m</i>	Roll-diameter <i>mm</i>
	g/m <sup>2</sup>	m <sup>2</sup> /kg		
50	73	13.7	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.

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