



## HOSTAPHAN™ RNF

Preliminary data sheet

### Extremely flame retardant, transparent polyester film

HOSTAPHAN™ RNF is a clear glossy film which is made of polyethylene terephthalate (PET) with a phosphorous based non migrating halogene free flame retardant. 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	175	N/mm <sup>2</sup>	3800	4400	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 1 %/min.; 23 °C, 50 % r.h.
<b>THERMAL</b>						
Shrinkage	175	%	1.5	0.6	DIN 40634	150°C, 15 min.
<b>OPTICAL</b>						
Transparency	175	%	87		ASTM-D 1003-61 method A	-
<b>PHYSICAL/CHEMICAL</b>						
Density	175	g/cm <sup>3</sup>	1.4		ASTM-D 1505-68 method C	23°C
<b>FLAMMABILITY RATING</b>						
Burning class	175	-	VTM-0		UL 94	-

MD = Machine direction, TD = Transverse direction

### Delivery program HOSTAPHAN™ RNF

Thickness $\mu\text{m}$	Yield		Roll length <i>m</i>	Roll-diameter <i>mm</i>
	$\text{g}/\text{m}^2$	$\text{m}^2/\text{kg}$		
175	245	4	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.