



HOSTAPHAN™ PCR WO3N CSRB

White-opaque polyester film containing 30% of post consumer recycled (PCR) polyester

HOSTAPHAN™ PCR WO3N CSRB is a white, biaxially oriented polyester film made of polyethylene terephthalate (PET). 30% of the weight consists of post consumer recycled (PCR) polyester. The film is 2-side chemical treated for improved adhesion of solvent based coatings and printing inks.

HOSTAPHAN™ PCR WD3F CSRB Typical properties

Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	125	N/mm ²	170	190	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	125	%	130	110	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
F5-value (stress to obtain 5% elongation)	125	N/mm ²	90	95	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	125	%	1.3	1.2	DIN 40634	150°C, 15 min.
OPTICAL						
Transparency	125	%	9		ASTM-D 1003-61 method A	-
Yellowness Index	125	-	-8		ASTM E313-96/ D65	Reflection mode
Whiteness (Berger)	125	-	110			Reflection mode
CIE Lab L*	125	-	96		ISO 7724	Reflection mode
SURFACE						
Gloss	125	-	55		DIN 67530	Measuring angle 60°
PHYSICAL/CHEMICAL						
Density	125	g/cm ³	1.45		ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction

Applications:

- Labels
- Imaging
- Back lid signs
- Pre-paid cards

**Product advantages:**

- Suitable for all common printing processes (Offset, flexographic, gravure and letterpress printing)
- Brilliant white surface for accurate print reproduction
- Excellent heat resistance

Delivery program HOSTAPHAN™ PCR WO3N CSRB

Thickness	Yield		Roll length	Roll-diameter	Roll length	Roll-diameter
	μm	g/m^2				
125	179	5.6	1 280	490	2 560	670

Other thicknesses and length 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.