



Hostaphan® WDW M and WDW 2CSR

White, metallised polyester film and white, metallised, chemically treated polyester film

Hostaphan® WDW M and WDW 2CSR are white, biaxially oriented polyester films, made of polyethylene terephthalate (PET). Hostaphan® WDW M is metallised.

Hostaphan® WDW 2CSR is one side chemically treated with a crosslinked acrylic coating for improved adhesion of solvent based coatings and printing inks. The opposite side is metallised.

Typical properties

Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	12 23	N/mm ²	200 165	240 250	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	12 23	%	110 160	75 85	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young's Modulus	12 23	N/mm ²	4500 4000	5200 5600	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 1 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	12 23	%	1.2 1.0	1.2 1.0	DIN 40634	150°C, 15 min.
SURFACE						
Coefficient of friction (static) (Not metallized side)	12, 23	-	0.3		DIN53375 or ASTM-D 1894	-
PHYSICAL/CHEMICAL						
Density	12, 23	g/cm ³	1.46		ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction

