

## Hostaphan® WDW and WDW CSRE 36-65

### White, glossy polyester film

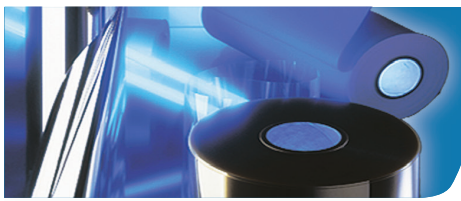
Hostaphan® WDW / WDW CSRE is a white, biaxially oriented polyester film made of polyethylene terephthalate (PET) for applications like labels or lids for dairy products. The film exhibits high strength and dimensional stability as well as a low light transmission.

Hostaphan® WDW CSRE is one side chemical treated for improved adhesion of solvent based coatings and printing inks.

### Typical properties

Property	Thickness $\mu\text{m}$	Units	Value		Test Method	Test Conditions
			MD	TD		
<b>MECHANICAL</b>						
Tensile strength	36 50- 65	$\text{N}/\text{mm}^2$	170 180	255 240	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	36 50-65	%	170 160	85 100	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Edge tear resistance	36-65	$\text{N}/\text{mm}^2$	290	380	DIN VDE 0345	23°C, 50% r.h.
Puncture resistance	36 50 55 65	N		15 19 20 25	DIN EN 14477	Pin: 0.8 mm diameter 100 m/min
<b>THERMAL</b>						
Melting point	36-65	°C	260		Differential-thermoanalysis	3 K/ min.
Shrinkage	36-65	%	1.0	1.0	DIN 40634	150°C, 15 min.
<b>OPTICAL</b>						
Transparency	36 50 55 65 36-65	%	34 28 27 23 0		ASTM-D 1003-61 method A	400 – 900 nm 400 – 900 nm 400 – 900 nm 400 – 900 nm 250 – 360 nm
<b>PHYSICAL/CHEMICAL</b>						
Density	36-65	$\text{g}/\text{cm}^3$	1.46		ASTM-D 1505-68 method C	23°C
<b>BARRIER</b>						
Air permeability	36 50 55 65	$\text{cm}^3/\text{m}^2 \times \text{d} \times \text{bar}$	20 14 13 11		DIN 53380	23°C, 0% r.h.





# HOSTAPHAN®

This Hostaphan® film is permitted for food contact according to the current version of EU Regulation 1935/2004 and 10/2011 as well as FDA regulation 21 CFR 177.1630 under the conditions set out in our current Declaration of Compliance. Before using this Hostaphan® film in a food contact article, please request this Declaration of Compliance.

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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