



Hostaphan® RUHS

Transparent, heat-sealable and UV stable polyester film

Hostaphan® RUHS is a transparent, biaxially oriented film made of polyethylene terephthalate (PET) with one heat sealable surface. It is characterized by a very high resistance against and high absorption of UV radiation. It seals against itself (lap and fin seal) and to other polyester grades (e.g. A-PET, C-PET). The seal is not peelable. Hostaphan® RUHS does not seal against polyolefins (PE, PP and PS).

Typical properties

Property	Thickness µm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	20, 30	N/mm ²	240	220	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	20, 30	%	120	110	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	20, 30	%	1.7	0.3	DIN 40634	150°C, 15 min.
OPTICAL						
Haze	20, 30	%	2.1		ASTM-D 1003-61 method A	Enlarged measurement angle
PHYSICAL/CHEMICAL						
Density	20, 30	g/cm ³	1.4		ASTM-D 1505-68 method C	23°C
HEAT SEAL/PEEL PARAMETERS						
Sealing strength	20, 30	N/15 mm	~ 2-3		-	Finseal @130°C, 4 bar, 0.5 sec, T-peel
Seal temperature	20, 30	°C	> 120		-	-

MD = Machine direction, TD = Transverse direction

Applications:

- Protection against UV radiation
- Outdoor use
- Packaging
- Overlay for panels and metal sheets

Hostaphan® RUHS can easily be coated or printed with functional layers. The film is optimized for high speed processing. Further details can be given on request.

