



PH 010

Characteristic	Transparent rigid PVC film, good thermoformability. Film for pharmaceutical push-through-packs.		
Surface	glossy / glossy		
Colours	transparent clear (colour 0015), other transparent colours on request.		
Thickness range	190 - 400 µm	Standard 200 µm and 250 µm	
Grammage	276 g/m ² (200 µm)	345 g/m ² (250 µm)	
Yield	3,62 m ² /kg (200 µm)	2,90 m ² /kg (250 µm)	

Regulatory	Complies with the requirements of the European Pharmacopeia and with Directive 2002/72/EC and amendments in their current version.
	Complies with Directive 94/62/EC.
	Production and quality controls according to cGMP rules.

Properties	Test Method	Value	Unit
Thickness tolerance	DIN 53370	± 7	%
		± 5	%
Tensile impact strength	DIN EN ISO 8256 - A - 3	> 400	kJ/m ²
Tensile strength	DIN EN ISO 527 - 3/2/50	57 - 63	N/mm ²
Vicat - Softening temperature	DIN EN ISO 306 VST B50 laminated specimen	77 ± 2	°C
Dimensional stability (Oven, hot air)	DIN 53377 140°C/10 min	MD / TD	max
Thickness 190 - 210 µm		- 6 / + 2	%
> 210 µm		- 4 / + 2	%
Water vapour transmission rate	ASTM - F 1249		
Guide value for thickness 250 µm	38°C / 90% r.h.	3,3	g/(m ² d)
Oxygen transmission rate	DIN 53380		
Guide value for thickness 250 µm	23°C / 0% r.h.	12,0	cm ³ /(m ² d)

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