

PLATSEAL

HSPET6CA		FILM DATASHEET
Composition	HSPET6CA is a coated polyester film and is 99.9% pure polyester in its composition. Exceptionally strong.	
Sealing	HSPET6CA film seals at low temperatures. Seal strength reduces following microwaving to achieve a smooth easy peel and allows product to crisp up in the oven and microwave.	
Conversion	HSPET6CA film can be supplied printed and can be laminated to other films.	
Liability	HSPET6CA film complies with all Eopean and FDA regulations, including cooking. Whilst Platinum Packaging Group takes all precautions to ensure that their lidding films are suitable or the application intended, the ultimate responsibility lies with the food packer to ensure that the film is suitable for their purpose.	

PROPERTY	UNIT	METHOD	VALUE & REFERENCE THICKNESS MICRONS
Thickness	Microns & gauge	DIN 53370	HSPET6CA 12PET 50gauge
Weight per unit area	Lbs/ream / (GSM)		11.24 / (18.3)
Yield	Sq" / lb (sq.M. /kilo)		38418 (54.64)
Water vapour transmission rate	gms/100 sq" /24 hours 38°C, 90% RH (gm/sqM/38C/90%RH)	DIN 53380	0.966 (15)
Oxygen transmission rate @ 23°C	cm3/100sq" / day/14lbs (cm3/sqM/day/atmos)	DIN 53380	3.23 (50)
Tensile strength at break, MD	daN/mm2	ASTM D 882	24
Tensile strength at break, TD	daN/mm2	ASTM D 882	26
Elongation at break, MD	%	DIN 53455	100
Elongation at break, TD	%	DIN 53455	100
Shrinkage, MD	%	150°C/30mn	0.5
Shrinkage, TD	%	150°C/30mn	0.5
Heat sealing range	°F / °C		230-410°F / 100-200C
Max temp at sealing tools	°F / °C		440°F / 220C
Seal strength	Lbs/inch		1.65
Low temp resistance	°F		Up to -100°F
Peelability	HSPET6CA sealed to itself to produce peelable seals, which are easy, peel when hot.		
Special properties	Chillable & freezable.		
Ovenability	Microwaveable, boilable & ovenable, maximum temperature 450°F		
Sealing	Sealing temperature should be around 285°F		
Availability of thicknesses	Microfry can be made available in thicker or thinner gauges.		
Disclaimer	All data stated are approximate and to the best of our knowledge. We assume no liability.		

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PLATSEAL
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