

# PLATSEAL

## PET 6

Sealable and Peelable Co-polymer  
Homopolymer PET

- PPG PET6 is a transparent polyester film with a co-extruded layer of co-polymer adhesive.
- The Co-polymer adhesive layer is designed to heat seal onto and peel cleanly from itself or substrates such as APET, CPET, modified CPET, PET coated Paperboard and PVC.
- Dual ovenable with non-stick properties from baked on cheese.
- The film has excellent transparency, dimensional stability and barrier.
- PPG PET6 can be used in direct contact with food ( CFR177.1630)

PROPERTY	TEST CONDITIONS	UNITS		TYPICAL VALUES		
DESIGNATION				10.63/50	10.63/75	10.63/100
THICKNESS		Gauge		50	75	100
YIELD		sq. in./lb.		37,400	25,200	20,100
TENSILE STRENGTH AT BREAK	ASTM D882-83	Kpsi	MD	25	25	25
			TD	23	23	23
ELONGATION AT BREAK	ASTM D882-83	%	MD	135	135	135
			TD	95	95	95
INITIAL MODULUS	ASTM D882-83	Kpsi	MD	520	520	520
			TD	585	585	585
HAZE	ASTM D1003-61	%		10	12	14
SHRINKAGE	300°F/30 Min.	%	MD	1.0	1.0	1.0
			TD	-0.2	-0.2	-0.2
COEFFICIENT OF FRICTION	ASTM D1894-78 (TREATED TO UNTREATED)	Static		0.2	0.2	0.2
		Dynamic		0.2	0.2	0.2
WATER VAPOR TRANSMISSION RATE	ASTM F1249-90 100°F 90% RH	g/100 in. <sup>2</sup> - 24 hrs.		2.8	1.9	1.5
OXYGEN TRANSMISSION RATE	ASTM D3985-81 75°F 85% RH	cc/100 in. <sup>2</sup> - 24 hrs.		7.5	5.0	4.0
HEAT SEAL STRENGTH	Film/CPET @ 130C, 24 psi, 2 sec	gms/inch		450	450	450

The information and suggestions contained herein represent the best information available to the Platinum Packaging Group and we believe them to be reliable. They should not, however, be construed as controlling and are presented without guarantee of performance either express or implied. We urge purchasers to conduct confirmatory tests to determine final suitability for their specific end uses. No statement with respect to use is intended as a positive recommendation for such use and no warranty with respect to infringement of patents held by others is made or intended.

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