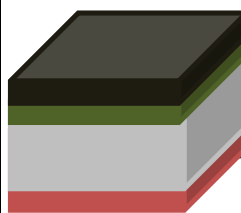


**WMPET1 is white film, Metalized on chemical coated side other side Corona treated polyester film, this film is suitable for flexible packaging applications, especially excellent for gloss & barrier properties**



→ Metalized surface  
 → Chemical Coated surface  
 → PET core Layer  
 → Corona Treated surface

Sr. No.	Properties	Unit	Test Method	Target	Minimum	Maximum		
<b>General</b>								
1	Thickness	Micron	StockPKG Method	12.00	11.64	12.36		
		Gauge		48.00	46.56	49.44		
2	Yield	M <sup>2</sup> /Kg	StockPKG Method	57.87	56.18	59.66		
<b>Mechanical</b>								
1	Tensile Strength at break	MD/TD	Kg/cm <sup>2</sup> (Kpsi)	ASTM D 882	2100	1900	2300	
					29.9	27.0	32.7	
2	Elongation at break	MD	%	ASTM D 882	130	90	170	
		TD			120	80	160	
3	Co-efficient of friction One side to Other side	Static	--	ASTM D 1894	0.60	0.50	0.70	
		Dynamic			0.55	0.45	0.65	
4	Metal Bond Strength	gm/25 mm	TP-105-92	800	700	900		
<b>Thermal</b>								
1	Shrinkage @ 150 <sup>o</sup> C/30'	MD	%	ASTM D 1204	2.0	1.6	2.6	
		TD			0.4	0.0	0.8	
2	Melting Point	<sup>o</sup> C	DSC	252	250	255		
<b>Surface treatment level</b>								
1	Corona Treated surface	Dynes/cm	ASTM D 2578	52	50	54		
<b>Barrier</b>								
Optical Density			M.V.T.R. (ASTM F 1249)			O.T.R. (ASTM D 3985)		
(StockPKG Method)			gm/m2/day (38°C 90%RH)			cc/m2/day (23°C 0 %RH)		
<b>Target</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Target</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Target</b>	<b>Minimum</b>	<b>Maximum</b>
2.2	2.0	2.4	0.9	0.7	1.1	1.0	0.8	1.2
2.5	2.3	2.7	0.7	0.5	0.9	0.8	0.6	1.0
2.8	2.6	3.0	0.5	0.3	0.7	0.6	0.4	0.8
3.0	2.8	3.2	0.3	0.2	0.5	0.4	0.2	0.6

MD = Machine Direction, TD = Transverse Direction

**To convert from m2/day to 100 inch2/day divide the m2 result by 15.5**

**Storage & Handling:** WMPET1 Film needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

**Food Contact:** WMPET1 FILM complies with EC and FDA regulations on packaging for indirect contact with foodstuffs. Specific document and MSDS are available on request.

**Disclaimer:** The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. StockPKG makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.