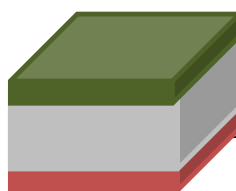


ARYAFILM A444 is one side antistatic coated and other side corona treated fold retainable polyester film , this film is suitable for candy wrapping application.



→ Antistatic Coated Surface
 → PET core Layer
 → Corona Treated Surface

Sr. No.	Properties	Unit	Test Method	Target	Minimum	Maximum
General						
1	Thickness	Micron	JBF Method	18	17.64	18.36
		Gauge		72	70.56	73.44
2	Yield	M ² /Kg	JBF Method	39.68	38.90	40.49
3	Density	gm/cc	ASTM D 1505	1.395		
4	Service Temp	°C	JBF Method	-70 to 150		
Mechanical						
1	Tensile Strength at break	MD/TD	ASTM D 882	2200	2000	2400
				(Kpsi)	31.3	28.4
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	0.50	0.40	0.60
		Dynamic		0.45	0.35	0.55
Thermal						
1	Shrinkage @ 150° C/30'	MD	ASTM D 1204	30.0	25.0	35.0
		TD		35.0	30.0	40.0
2	Melting Point	°C	DSC	252	250	255
Optical						
1	Haze	%	ASTM D 1003	4.0	3.0	5.0
2	Transmittance	%	ASTM D 1003	88	85	91
Surface treatment level						
1	Antistatic Coated Side	Dynes/cm	ASTM D 2578	52	50	54
2	Corona Treated side	Dynes/cm	ASTM D 2578	52	50	54
Barrier						
1	W.V.T.R. (38°C & 90% RH)	gm/m ² /day	ASTM F 1249	28	18	38
		gm/100in ² /day		1.81	1.16	2.45
2	O.T.R. (23°C & 0%RH)	cc/m ² /day	ASTM D 3985	80	60	100
		cc/100in ² /day		5.16	3.87	6.45

MD = Machine Direction, TD = Transverse Direction

Storage & Handling: ARYA FILM need 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: ARYA FILM complies with EU10/2011 and US FDA regulations, 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. JBF 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

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