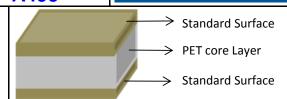


Technical Data Sheet ARYAFILM - A406



ARYAFILM A406 is both side plain Transparent Polyester film, this film is suitable for Hot Stamping Foil application



Sr. No.	Properties		Unit	Test Method	Target	Minimum	Maximum
	•		Gene	eral			1
1	Thickness		Micron	JBF Method	12	11.64	12.36
			Gauge		48	46.56	49.44
2	Yield		M ² /Kg	JBF Method	59.52	57.79	61.36
3	Density		gm/cc	ASTM D 1505	1.395		
4	Service Temp		°C	JBF Method	-70 to 150		
			Mecha	nical			
	Tensile Strength at break	MD/TD	Kg/cm ²	ASTM D 882	2100	1900	2300
1			(Kpsi)		29.9	27.0	32.7
	Elongation at break	MD		130	90	170	
2		TD	%	ASTM D 882	120	80	160
	Co-efficient of friction (One side to Other side)	Static		ASTM D 1894	0.50	0.40	0.60
3		Dynamic			0.45	0.35	0.55
			Ther	mal			l
1	Shrinkage @ 190 ^o C/20′	MD	%	ASTM D 1204	3.4	2.8	4.0
1		TD			-0.2	-0.6	0.2
2	Melting Point		₀ C	DSC	252	250	255
	_		Opti	cal			1
1	Haze		%	ASTM D 1003	3.5	2.5	4.5
2	Transmittance		%	ASTM D 1003	88	85	91
			Surface trea	tment level			
1	Both side		Dynes/cm	ASTM D 2578	44	42	46
			Barr	ier			
1	W.V.T.R. (38°C & 90% RH)		gm/m²/day	ASTM F 1249	40	30	50
_			gm/100in²/day		2.58	1.94	3.23
2	O.T.R. (23°C & 0%RH)		cc/m²/day	ASTM D 3985	100	80	120
_			cc/100in ² /day		6.45	5.16	7.74

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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