

ARYAFILM A490 is both side plain Matte polyester film, this film is suitable for label application & flexible packaging applications.



→ Standard Surface

→ PET core Layer

→ Standard Surface

Sr. No.	Properties	Unit	Test Method	Target	Minimum	Maximum	
General							
1	Thickness	Micron	JBF Method	50	49	51	
		Gauge		200	196	204	
2	Yield	M ² /Kg	JBF Method	14.29	14.01	14.58	
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	Kg/cm ² (Kpsi)	ASTM D 882	1800	1600	2000
					25.6	22.8	28.4
2	Elongation at break	MD	%	ASTM D 882	140	100	180
		TD			130	90	170
3	Co-efficient of friction (One side to Other side)	Static	--	ASTM D 1894	0.35	0.25	0.45
		Dynamic			0.30	0.20	0.40
Thermal							
1	Shrinkage @ 150 ^o C/30'	MD	%	ASTM D 1204	1.6	1.0	2.2
		TD			0.4	0.0	0.8
2	Melting Point	°C	DSC	252	250	255	
Optical							
1	Haze	%	ASTM D 1003	83.0	78.0	88.0	
2	Transmittance	%	ASTM D 1003	80	77	83	
4	Gloss (60°)		ASTM D 2457	43	38	48	
Surface treatment level							
1	Both side	Dynes/cm	ASTM D 2578	44	42	46	

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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