

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	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		
Mechanical						
1	Tensile Strength at break	MD/TD	ASTM D 882	2000	1800	2200
				(Kpsi)	28.4	25.6
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	0.40	0.30	0.50
		Dynamic		0.35	0.25	0.45
Thermal						
1	Shrinkage @ 150 ^o C/30'	MD	ASTM D 1204	1.8	1.2	2.4
		TD		0.4	0.0	0.8
2	Melting Point	°C	DSC	252	250	255
Optical						
1	Haze	%	ASTM D 1003	47.0	42.0	52.0
2	Transmittance	%	ASTM D 1003	87	84	91
4	Gloss (60°)		ASTM D 2457	50	46	54
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

Website: www.jbfrak.com

Email: filminfo@jbfrak.ae

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