

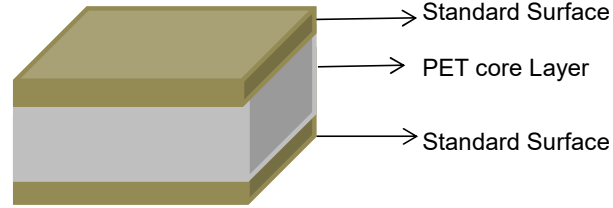


Technical Data Sheet

ARYAFILM - A490



ARYAFILM A490 is Matte Polyester film , Both sides untreated. This film is suitable for label & flexible packaging applications



Sr. No.	Properties	Unit	Test Method	Target	Minimum	Maximum
General						
1	Thickness	Micron	JBF Method	12.0	11.64	12.36
		Gauge		48.00	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	Roll width	mm	JBF Method	- 0 , + 3		
Mechanical						
1	Tensile Strength at break	MD/TD	ASTM D 882	2000	1800	2200
				Kg/cm ² (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 to Other side)	Static	ASTM D 1894	0.40	0.30	0.50
		Dynamic		--	0.35	0.25
Thermal						
1	Shrinkage @ 150 ^o C/30'	MD	ASTM D 1204	1.6	1.2	2.0
		TD		0.4	0.0	0.8
2	Melting Point	°C	DSC	252	250	255
Optical						
1	Haze	%	ASTM D 1003	48.0	42.0	54.0
2	Transmittance	%	ASTM D 1003	87.0	84.0	91.0
3	Gloss (60°)		ASTM D 2457	46.0	40.0	52.0
Surface treatment level						
1	Both side	Dyne/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 & shelf life of above product is One year from date of Invoice.

Food Contact: ARYA FILM complies with EU10/2011 and US FDA regulations, Specific document and MSDS are available on request.

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