

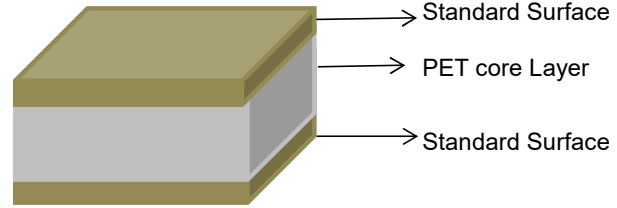


Technical Data Sheet

ARYAFILM - A600



ARYAFILM A600 is Milky White polyester film ,this film is suitable as an insulating material for Rotating electrical machines.It has superior thermal properties as compared with normal polyester film.



Sr. No.	Properties	Unit	Test Method	Target	Minimum	Maximum	
General							
1	Thickness	Micron	JBF Method	190.0	186.20	193.80	
		Gauge		760.00	744.80	775.20	
2	Yield	M ² /Kg	JBF Method	3.76	3.69	3.84	
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	Kg/cm ² (Kpsi)	ASTM D 882	1800	1600	2000
					25.6	22.8	28.4
2	Elongation at break	MD	%	ASTM D 882	150	110	190
		TD			140	100	180
3	Co-efficient of friction (One 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	1.2	0.8	1.6
		TD			0.4	0.0	0.8
2	Melting Point	°C	DSC	252	250	255	
Optical							
1	Haze	%	ASTM D 1003	86.0	81.0	91.0	
2	Transmittance	%	ASTM D 1003	70.0	65.0	75.0	
Surface treatment level							
1	Both side	Dyne/cm	ASTM D 2578	44	42	46	
Electrical							
1	Break Down Voltage	KV	ASTM D 149	20.0	19.0	21.0	

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.

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 BAHRAIN W.L.L 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