



# Technical Data Sheet ARYAFILM - A660

# ARYAFILM

ARYAFILM A660 is white polyester film having superior gloss, high opacity and good handling property, this film is suitable for electrical insulation and other Industrial applications.



→ Standard Surface

→ PET core Layer

→ Standard Surface

Sr. No.	Properties		Unit	Test Method	Target	Minimum	Maximum
General							
1	Thickness		Micron	PHC Method	50	49	51
			Gauge		200	196	204
2	Yield		M <sup>2</sup> /Kg	PHC Method	14.29	14.01	14.58
3	Density		gm/cc	ASTM D 1505	1.395		
4	Service Temp		°C	PHC Method	-70 to 150		
Mechanical							
1	Tensile Strength at break	MD/TD	Kg/cm <sup>2</sup>	ASTM D 882	1900	1700	2100
			(Kpsi)		27.0	24.2	29.9
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	0.45	0.35	0.55
		Dynamic			0.40	0.30	0.50
Thermal							
1	Shrinkage @ 150 <sup>0</sup> 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	95.0	90.0	100.0
2	Transmittance		%	ASTM D 1003	15	10	20
4	Gloss (60°)			ASTM D 2457	90	85	95
Surface treatment level							
1	Both side		Dynes/cm	ASTM D 2578	44	42	46
Electrical							
1	Break Down Voltage		KV	ASTM D 149	9.5	8.5	10.5

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.

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