

**Garware Polyester Ltd., Film Plant**

Rev. 5  
Spec.No. SP/PF/18A  
Date 01/01/2006

**Technical Specification Sheet**

**PRODUCT TYPE : GARFILM ER / ERE**

**THICKNESS : 190 / 188 MICRON**

**APPLICATION : GENERAL ELECTRICAL PURPOSE**

Sr.No.	Property	Unit	Nominal	Minimum	Maximum	Test Method
1	Nominal Thickness	Micron	190.0 188.0	186.2 184.2	193.8 191.8	ASTM E 252
2	Yield	M <sup>2</sup> /Kg	3.8 3.8	3.7 3.7	3.8 3.9	Weight basis
3	Tensile Strength MD TD	Kg/Cm <sup>2</sup>	2100 2000	1800 1700	2400 2300	ASTM D 882
4	Elongation MD TD	%	150 150	100 100	200 200	ASTM D 882
5	Shrinkage @ 150°C For 30 Min. MD TD	%	1.2 0.2	0.2 -0.4	1.8 0.8	ASTM D 1204
6	Haze	%	20.0	15.0	25.0	ASTM D 1003
7	Coef. of Friction ( STATIC )	-	0.40	0.30	0.50	ASTM D 1894
8	Break Down Voltage	kv	18.5	18.0	19.0	ASTM D 149
9	Std.length	Mtrs.	800			--
10	Width Tolerance	MM	± 2 of Ordered Width in absence of spec. from customer			--

SPPF190a