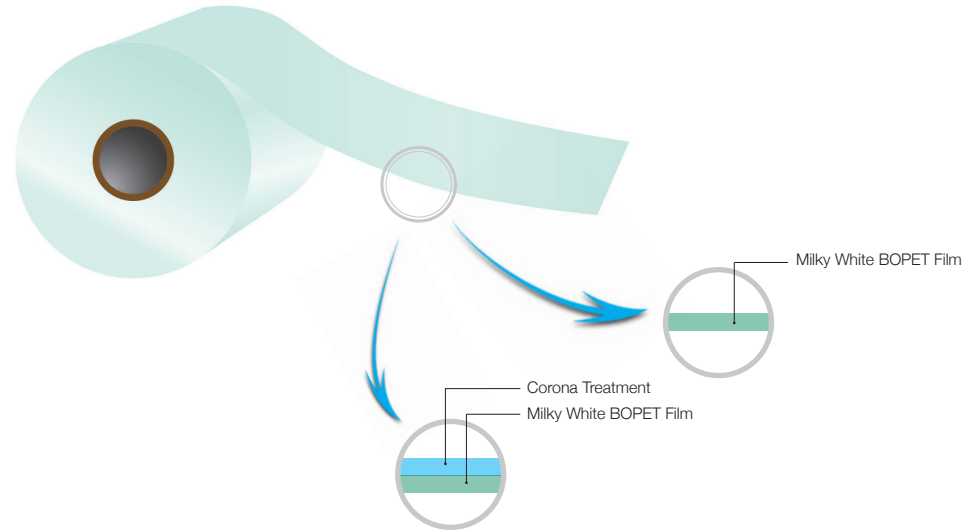


PETLAR-EW grade is a Biaxially Oriented Milky White Polyester Film specially developed as an insulating material for rotating electric machines. The film is characterised by high dielectric constant, high break down voltage, good mechanical strength, thermo-mechanical stability and excellent temperature resistance.

PETLAR-EW grade is UL Certified. This grade is available in thickness range of 100 to 190 Micron (400-760 Gauge).



APPLICATIONS

- Cable Wrapping
- Electrical Insulation in Transformers, and Motors (UL Certified)
- Release Applications

Standard Roll Presentation						
Core ID		6 Inch/152MM	3 Inch/76MM			
Thickness (Micron)		125				
Length (Meters)	1500	550	520	Approx Outer Roll Diameter (mm)		
	2000	620				
	3000	750				
Width Range		400-2000 mm / 15-79 Inch				
<i>Customised specs also available on request</i>						

SRF Limited, Packaging Films Business

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Indore: Plot No C 1-8, C 21-30, Indore Special Economic Zone, Pithampur - 454775, Distt. Dhar, Madhya Pradesh, **India.**

Kashipur: Plot No -12, Rampura, Ramnagar Road, Kashipur-244713, Distt. Udham Singh Nagar, Uttaranchal, **India.**

Rayong: D-20, Hemraj Eastern Seaboard Industrial Estate, 112, M003, Tambon Tasith, Amphur Pluakdaeng, Rayong Province 21140, **Thailand.**



Properties	Unit	Test Method	Product Code			
			EW1250	EW1750	EW1900	
GENERAL						
Nominal Thickness	Micron	SRF Method	125	175	190	
	Gauge		500	700	760	
Yield	m ² /kg		6	4	3.8	
	in ² /lb		4100	2900	2700	
MECHANICAL						
Tensile Strength (min)	MD	ASTM D 882	kg/cm ²	1700	1700	1700
			(kpsi)	24	24	24
	TD		kg/cm ²	1700	1700	1700
			(kpsi)	24	24	24
Elongation at Break (min)	MD	ASTM D 882	%	120	120	120
	TD		100	100	100	
SURFACE						
Coefficient of Friction	Static	ASTM D 1894	-	0.55	0.55	0.55
	Dynamic		-	0.45	0.45	0.45
Surface Energy	Plain Side	ASTM D 2578	Dyne/cm	44	44	44
THERMAL						
Shrinkage (150°C, 30 min)	MD	ASTM D 1204	%	2.2	2.2	2.2
	TD		0.4	0.4	0.4	
OPTICAL & BARRIER						
WVTR (38°C & 90% RH)		ASTM F 1249	gm/m ² /day	<1.0	<1.0	<1.0
			gm/100in ² /day	<0.06	<0.06	<0.06
OTR (23°C & 0% RH)		ASTM D 3985	cc/m ² /day	<1.0	<1.0	<1.0
			cc/100in ² /day	<0.06	<0.06	<0.06
ELECTRICAL						
Break Down Voltage	KV	ASTM D 149		17.0	20.0	20.0

MD – Machine Direction | TD – Transverse Direction

Notes: 1) Above properties can be modified to suit customer's requirement; 2) Unless otherwise specified, the values given above are nominal.

DISCLAIMER

The information given above is known to the best of our knowledge and experience. Some of the properties can be changed as a result of supplier's effort to improve upon the quality of production efficiency of the subject. The information is believed to be the true and accurate and is not intended to violate any statutory condition or right of third party. SRF 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 the readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.