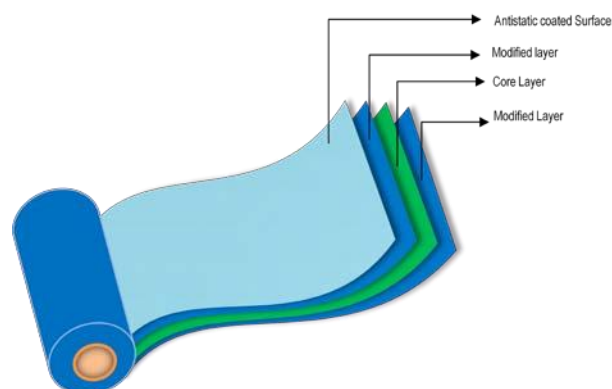


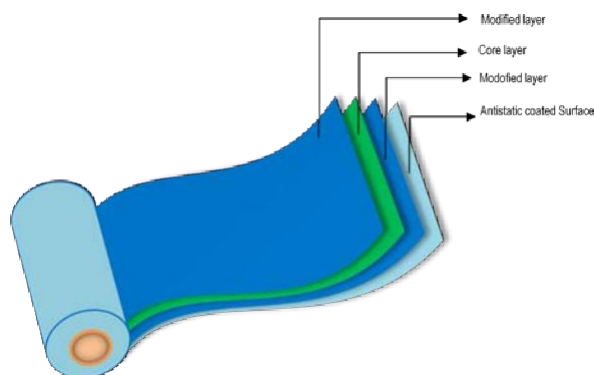
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<b>Product Name</b>	Deformable Polyester film
<b>Product code</b>	ED10A / EDA10
<b>Type</b>	ED10A – Antistatic coating wound out side EDA10 – Antistatic coating wound inside

### Layer Structure



**EDA10**



**ED10A**

### Key Features

- UmaPET ED10A / EDA10 is a transparent film with plain surface one side with antistatic on the other side for smooth run ability on packing machine.
- The film possess excellent deforming properties with superior fold retention, along with good thermal, mechanical, optical and surface properties.
- UmaPET ED10A / EDA10 grade complies with US FDA, EC and REACH regulations for food contact application.

### Applications

- The film is used for various packaging applications where film deformability and dead fold character is required.
- Modified Surface (non – antistatic coated) is recommended for printing.

**Product Description:** Deformable Polyester Film**Product code:** ED10A / EDA10

Property		Test Method	Unit	Typical Value		
Physical						
Thickness		Internal	μ	15	18	22
			gauge	60	72	88
Yield		Internal	m2/kg	47.6	39.7	32.5
			ft2/lb	232.8	194.17	158.95
Density		ASTM D-1005	gm/cc	1.35	1.35	1.35
Mechanical						
Tensile Strength (Min)	MD			2200	2200	2200
	TD	ASTM D-882	Kg/cm2	2200	2200	2200
	MD			31400	31400	31400
	TD	ASTM D-882	lb/in2	31400	31400	31400
Elongation (Min)	MD			110	110	110
	TD	ASTM D-882	%	90	90	95
Deformability		Internal	-	Pass	Pass	Pass
Deform retention (Min)		Internal	%	97	97	97
Surface						
Co-efficient of friction ( Std. Vs Functional) (Max)	St			0.32	0.32	0.32
	Dy	ASTM D-1894	-	0.3	0.3	0.3
Wetting tension	Plain Side	ASTM D-2578	Dyne/cm	42	42	42
Optical						
Haze (Max)		ASTM D-1003	%	3.5	3.8	4.5
Thermal						
Shrinkage @ 150 C and 30 minutes (Min)	MD	ASTM D-1204		22	22	22
	TD		%	24	24	24

MD- Machine Direction; TD- Transverse Direction

The information contained herein is to be used only as a guide line for using UmaPET film. The specifications and characteristics mentioned are based on reliable test procedures. Users of this film should make independent assessment by their own for its suitability to their end use. Ester Industries Ltd does not offer any guarantee on the results and does not accept any liability arising out of the use of the information contained herein.