

Clear transparent BOPP capacitor-usage film

Technology data

FEATURES	
PP-film manufactured by tenter process with super clean electrical grade resin. The film has controlled smooth surface on both sides and corona treatment on one side.	
GENERAL APPLICATIONS (光膜)	
Base film for metallisation with Aluminium, Zinc or Alloy for applications ranging from power factor correction capacitors to fluorescent lighting and motor run capacitors.	
Properties	Value
Thickness	6,7,8 μm (by micrometer)
Thickness tolerance	Заполняется производителем
Core (I.D)	76 mm+/- 1 or 152 mm +/- 1
Roll (O.D)	No more than 400 mm
Roll width	430/500 mm
Width tolerance 宽度偏差	±0.5mm
Surface roughness 表面粗糙度	0.1um
Dielectric constant 介电常数	2.2
Resistivity 电阻系数	5×10^{15}
Dissipation factor 耗散因数	2×10^{-4}
Density 密度	0.90~0.91
Melting point 熔点	165°C
Softening point 软化点	
Water absorption 吸水率	0.03~0.04
Tensile strength 拉伸强度	MD140 Mpa TD250 Mpa
Modulus of elasticity 介电模量	
Shrinkage 收缩率	MD3.5%. TD1.0%
Ash Content 含灰尘量 (清洁度)	
Chlorine Content 氯含量	
Corona treatment 电晕度	37

Silver Zinc/aluminium alloy metallised BOPP capacitor-usage film

Technology data

FEATURES	
Zinc/aluminium alloy metallised PP-film with heavy edge and improved corrosion stability. Base film is produced with super clean electrical grade resin.	
GENERAL APPLICATIONS (金属化膜)	
AC low voltage power capacitors with highest stresses and largest units. Suitable also for motor run and lighting capacitors.	
Properties	Value
Thickness	5,6,7,8 (μm) by micrometer
Tolerance from standard thickness	
Core diameter	75 mm+/- 1
Bobbin diameters	240 mm
Width	50mm or 75 mm
Surface of the film	
Dielectric constant 介电常数	2.2
Resistivity 电阻系数	5×10^{15}
Dissipation factor 介质损耗角	2×10^{-4}
Density 密度	0.90~0.91
Velting point 熔点	165°C
Softing point 软化点	
Tensile strength 拉伸强度	MD140 Mpa TD250 Mpa
Shrinkage 收缩率	MD3.5%. TD1.0%
Free Margins 留边	2.5 2.0 1.5
Margin tolerance 留边偏差	±0.4mm
Heavy edge resistance 边缘加厚电阻量	4Ω
Main body resistance 膜电阻量	7.5Ω±25%
Corona treatment 电晕	
Modulus of elasticity 介电模量	
Water absorption 吸水率	0.03~0.04