Art SM
ESD STATIC SHIELDING BAGS
Meets requirements of IEC61340-5-1
PAK_06E

CONSTRUCTION
Anti-Static
Polyester
Metal
Polyethylene
Anti-Static



Physical Properties	Test method	Specifications
Thickness	LAB # 001	3.0 mil ± 10%
Puncture Resistance	FTMS 101C method 2065	12 lbs
Yield	LAB # 002	9,000 sqin/lb
Tensile Strength	ASTM D-882-67	MD > 16 lbs / in
		TD > 15 lbs / in
Mullen Burst	ASTM D-774	100 psi
Seal Strength	ASTM f88-94	> 12 lbs / in
Play Bond	ASTM D-1876-95	MD > 2.0 lbs.p / in
		TD > 2.5 lbs.p / in
Optical Density		0.35 – 0.45
Tear Intiation	ASTM D -1004	MD > .95 lbs.p / mil
		TD > .90 lbs.p / mil
MVTR	ASTM F-1249	0.35 gms nominal
Haze	ASTM D-1003	4%
Transparency	ASTM D-1003	40%
Heat Seal		375°F 0.5 sec. 60 psi
Blocking		None

Electrical Properties	Test Method	Specifications
Surface Resistance	IEC 61340-2-3 at 15 % RH	PE < 1011 Ohm
		PET < 1011 Ohm
Electrostatic Decay	FTMS 101 method 4046	< 2 sec.
Capacitance Probe	EIA-541	< 30 volts difference
Metal Layer	ETS-803 at 15 % RH	< 100 Ohm
Electrostatic shielding (shelf life above 5 years)	Energy test EN 61340-4-8	< 50 n J

Chemical Properties	Test Method	Specifications
Contact Corrosivity	FTMS 101C method 3005	no visible sign after te-sting of deterioration
Ion Content	(Sodium, Fluoride, Phosphate, & Sulfate Ions)	Below Detectable Le-vels

The datas shown above are intended only as general indication of the standard production values. The do not refer to specific production lots. The document has no legal value.