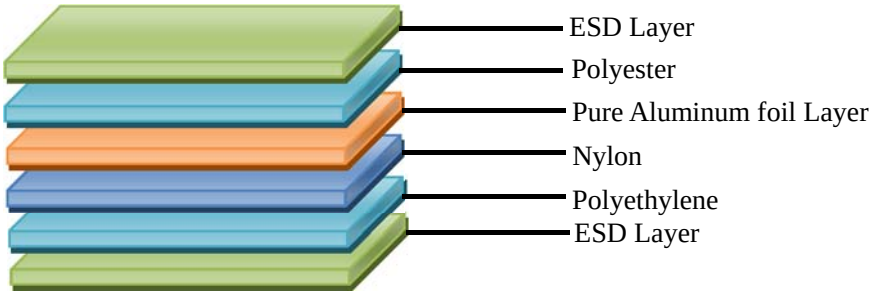
MB-27 ESD Moisture Barrier Bag with Clear Nylon Side

Material Structure: (Thickness: 0.14mm-Aluminum foil side)



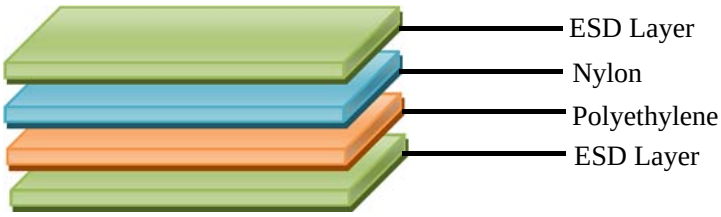
Electrical Property Parameters:

Testing Item	Testing Method	Unit	Range	Testing Result
Inside Surface Resistivity	ASTM D-257	Ohm/Square	10^{6}-^{11}	10^{9-10}
Outside Surface Resistivity	ASTM D-257	Ohm/Square	10^{6}-^{11}	10^{9-10}
Static Voltage Decay Time	IEC 61340-5-1 (±1000V-±100V)	S	≤2	0.2

Physical Property Parameters:

Testing Item		Testing Method	Unit	Referred Testing Result
Tensile Strength	TD	GB/T 13022-1991	Mpa	37.1
	MD			51.8
Tensile Rate	TD	GB/T 13022-1991	%	110
	MD			30
Puncture Strength	PE Layer up	MIL-STD-3010B-2008	N	73.6
	PE Layer down			67.2
Sealing Side Strength		QB/T2358-1998	N/15mm	55
Heat Seal Temperature			℃	195℃±10℃
Heat Seal Pressure			Pa	70
Heat Seal Time			S	1-1.5
MVTR(38℃, 90%RH)		ASTM F1249-2006	g/(m^2.24h)	<0.005

Material Structure: (Thickness: 0.14mm-Clear Nylon side)



Electrical Property Parameters:

Testing Item	Testing Method	Unit	Range	Testing Result
Inside Surface Resistivity	ASTM D-257	Ohm/Square	10^{6}-^{11}	10^{10-11}
Outside Surface Resistivity	ASTM D-257	Ohm/Square	10^{6}-^{11}	10^{10-11}

Physical Property Parameters:

Testing Item		Testing Method	Unit	Referred Testing Result
Tensile Strength	TD	GB/T 13022-1991	Mpa	27
	MD			32
Tensile Rate	TD	GB/T 13022-1991	%	93
	MD			69.5
Puncture Strength	PE Layer up	MIL-STD-3010B-2008	N	71.9
	PE Layer down			54.5
Sealing Side Strength		QB/T2358-1998	N/15mm	56
Heat Seal Temperature			℃	165℃±10℃
Heat Seal Pressure			Pa	70
Heat Seal Time			S	1-1.5
Light Transmission Rate		ASTM D-1003	%	90%±5%
MVTR(38℃, 90%RH)		ASTM F1249-2006	g/(m^2.24h)	1.196

- Material thickness, bag size and shapes can be customized.
- Translucent color is convenient for users to distinguish inside products. Suggested best using time is within 12 months after production date.