



Advanced Manufacturing Services Ltd

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Product Information

DY3650 Static Shielding Film

CONSTRUCTION

Antistatic Layer / Polyester / Metalized Layer / PE / Antistatic Layer

PHYSICAL PROPERTIES

Thickness 3.0 mils (typical)

Tensile Strength (ASTM D-882-67) 16 lbs/in (MD), 15 lbs/in (TD)

Tear Strength (ASTM D-1004) > 0.95 lbs/mil (MD),
> 0.9 lbs/mil (TD)

Puncture Strength (FTMS 101-C Method 2065) 12 lbs

Light Transmission (ASTM D-1003-77) > 40 %

MVTR (ASTM F-1249 @100F 100 sq in/24 hrs) < 0.35 gms

CHEMICAL PROPERTIES

Contact Corrosivity (FTMS 101C Method 3005) No Evidence of Corrosion

Amines & Amide Free Below detectable levels

Ionic Contamination Below detectable levels

ELECTRICAL PROPERTIES

Surface Resistance (ASTM D-257) < $10^{12} \Omega/\text{sq}$

Electrostatic Decay (FTMS 101 Method 4046) < 0.1 sec

Capacitance Probe (EIA-541) < 30 volts difference

(Finished Bag should be stored under room temperature condition ~ 23 to 27 degC)