

EL.BO Service

Electronic Packaging

EL.BO. Service via R. Leoncavallo, 5 - 20015 S. Lorenzo Parabiago (MI)
Tel. 0331-490029 Fax 0331-491363 e.mail- elboservice@elboservice.com

Barrier Product Specifications
EWS-808
Static Shielding Material

Construction:

Anti-Static Coating
Polyester
Metal
Polyester
Metal
Polyethylene
Anti-Static Coating

<u>Physical Properties</u>	<u>Test method</u>	<u>Specification</u>
Thickness	ELBO # 001	4.4 mil
Tensile Strength MD/TD	ASTM D-882-67	> 30/25 lbs / in
Puncture Resistance	FTMS 101C method 2065	> 30 lbs
Optical Density		Opaque (Silver)
Heat Seal		375°F 0.5 sec. 60 psi
MVTR	MOCON ASTM F-1249 @ 100F 100 sqin/24 hrs	< 0.005 gmS-100 sq. in/24 hrs

<u>Electrical Properties</u>	<u>Test Method</u>	<u>Specifications</u>
Surface Resistance	IEC 61340-2-3 at 15 % RH	PE < 10 ¹¹ Ohm PET < 10 ¹¹ Ohm
Electrostatic Decay	FTMS 101 method 4046	< 0.1 sec.
Capacitance Probe	EIA-541	< 30 volts difference
Electrostatic shielding	Energy test EN 61340-5-1	< 50 n J
EMI Shielding	(mil 81705 Rev. C.)	> 40 dB Between 1 & 10 GHz

<u>Chemical Properties</u>	<u>Test Method</u>	<u>Specifications</u>
Contact Corrosivity	FTMS 101C method 3005	no visible sign after testing of deterioration
Ion Content	(Sodium, Fluoride, Phosphate, & Sulfate Ions)	Below Detectable Levels
Amines & Amide Free		

The values shown above were developed from random samples taken from production material we believe them to be typical for the product. However, actual values may vary somewhat from those depicted here and EL.BO. Service makes no warranty, expressed or implied, as to the suitability of these materials for any specific use. Customers should determine product suitability based upon their own internal criteria. Nothing herein is to be taken as a license to operate under or a recommendation to infringe upon any patent.

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