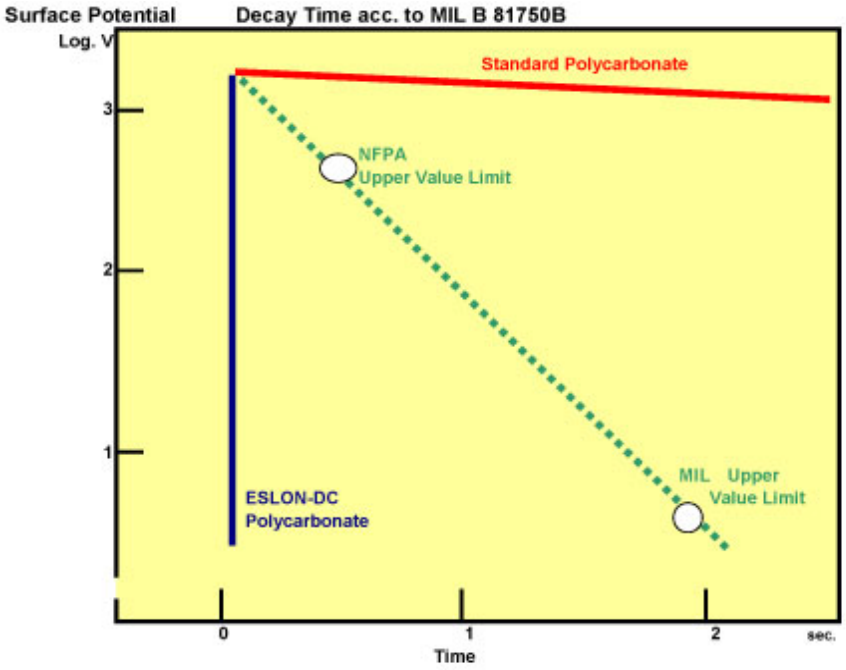
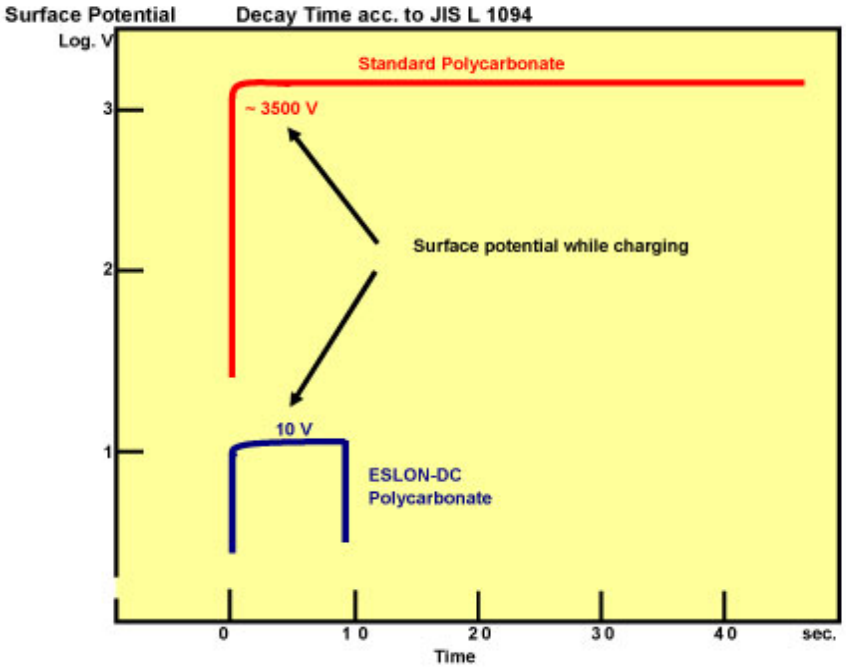
ESLON-DC Polycarbonate PC407AS / Polycarbonate PH407AS Hard Coat
Antistatic and Conductive Properties



Test Method acc. to MIL B 81750B
1) The test samples will be kept for 24 hours at 23°C room temperature and 15% rel. Humidity

2) A 5000V force-charge is applied to the surface of the sample. After grounding, the decay time down to 0V is measured by a static decay meter.

Result: The decaying time of ESLON-DC Polycarbonate is less than 0.1 seconds.



Test Method acc. to JIS L1094
1) Test is performed at 20°C room temperature and 65% rel. humidity.

2) After a corona discharge of 10000V for a duration of 10 seconds, the surface potential and the decay time of the electrostatic discharge (grounded) is recorded.

Result: The surface potential of ESLON-DC Polycarbonate during a charge of 10000V remains as low as 10V and is therefore substantially lower than that of an non-antistatic material, i.e. non-conductive material.