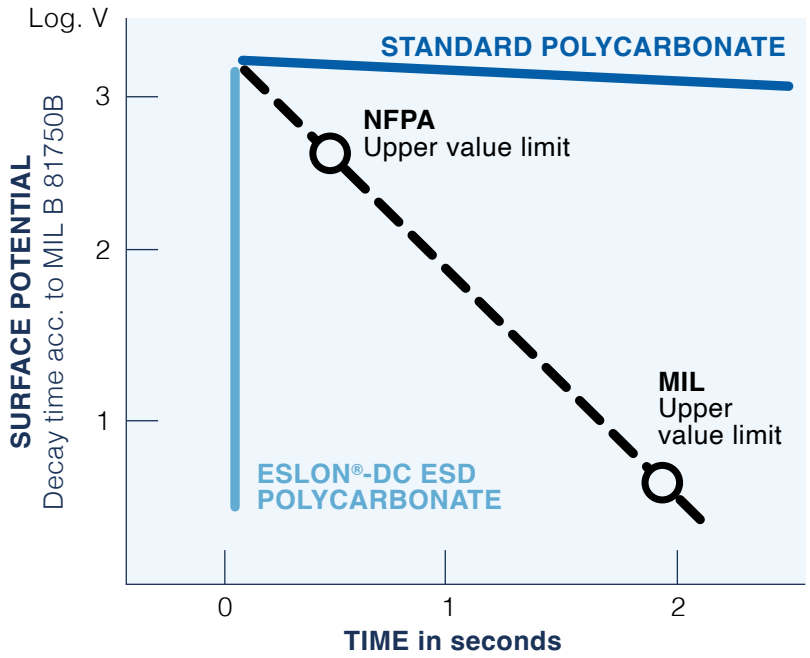
ANTISTATIC AND CONDUCTIVE PROPERTIES

Polycarbonate ESD-Standard

- PC407AS
- PC417AS
- PC427AS
- PC447AS
- PC497AS

Polycarbonate ESD Hard Coat

- PH407AS
- PH427AS
- PH407ASO
- PH417AS
- PH407ASU
- PH447AS

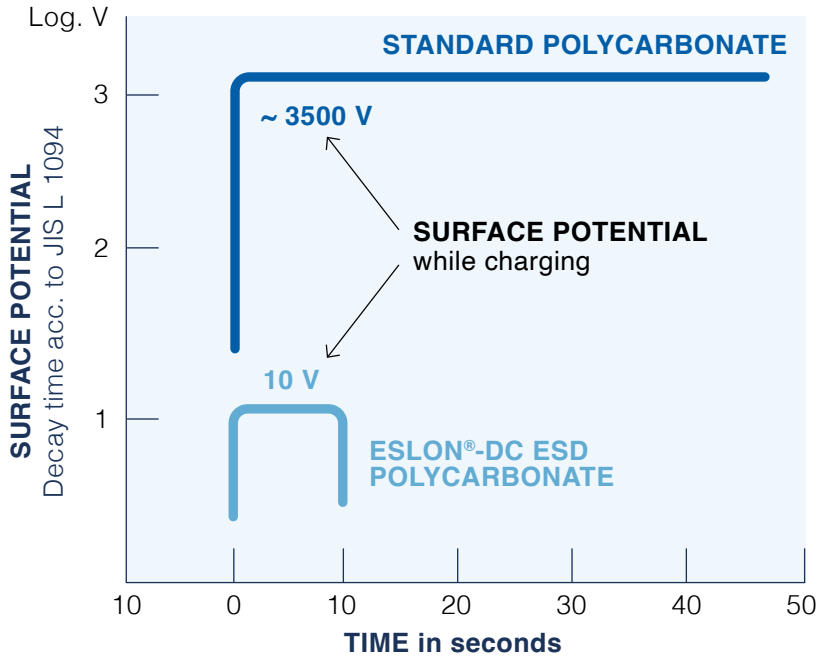


TEST METHOD ACC. TO MIL B 81750B:

1. The test samples will be kept for 24 hours at 23° room temperature and 15 % rel. humidity.
2. A 5.000 V force-charge is applied to the surface of the sample. After grounding, the decay time down to 0 V is measured by a static decay meter.

RESULT:

The decaying time of ESLON®-DC ESD Polycarbonat is less than 0.1 seconds.



TEST METHOD ACC. TO JIS L 1094:

1. Test performed at 20° room temperature and 85 % rel. humidity.
2. After a corona discharge of 10kV 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® ESD Polycarbonate during a charge of 10kV remains as low as 10 V and is therefore substantially lower than that of an non-static material, i.e. non-conductive material.

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