

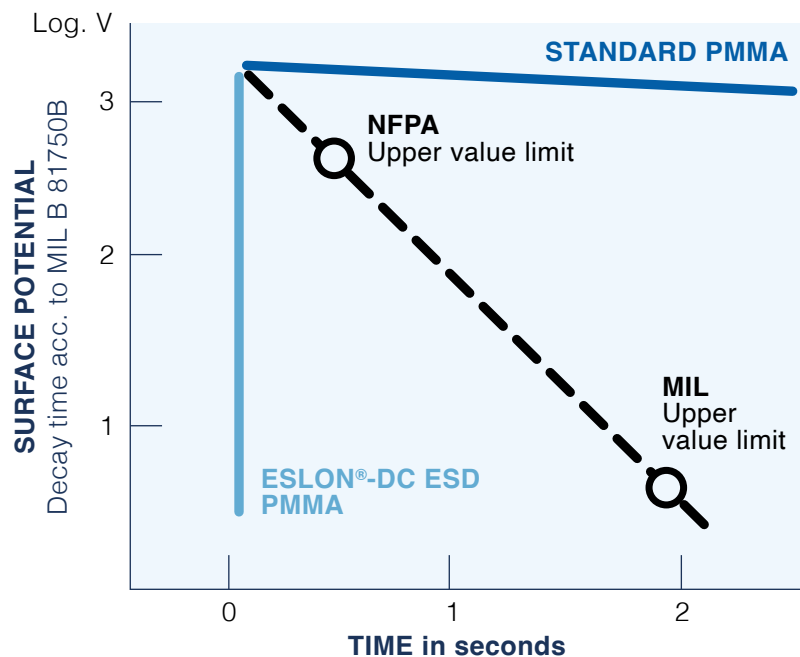
## ANTISTATIC AND CONDUCTIVE PROPERTIES

### PMMA ESD-Standard

|         |         |         |
|---------|---------|---------|
| AC405AS | AC415AS | AC362AS |
| AC425AS | AC445AS | AC005AS |
| AC105AS | AC301AS | AC305AS |

### PMMA ESD Hard Coat

|         |         |
|---------|---------|
| AH405AS | AH415AS |
| AH425AS | AH445AS |
| AH105AS | AH081AS |

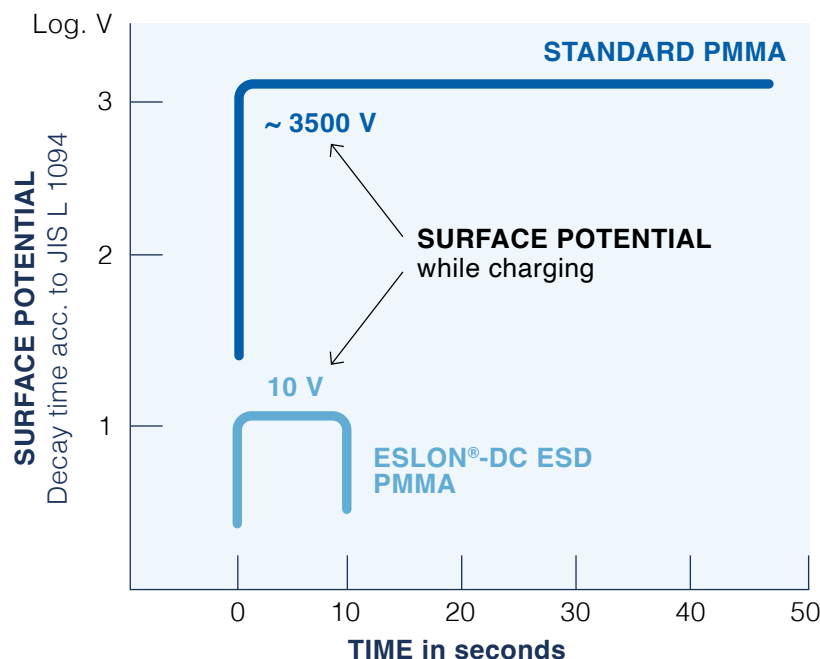


#### TEST METHOD ACC. TO MIL B 81750B:

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 PMMA** 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 PMMA** during a charge of 10kV remains as low as 10 V and is therefore substantially lower than that of a non-static material, i.e. non-conductive material.

[www.eslon-dc.de/en](http://www.eslon-dc.de/en)