

## Evaluation of equipments and material

Report – No: 03-215-2010

**Company:** Evonik Degussa GmbH  
Paul-Baumann-Straße 1  
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**Material:** Assessment of ESD performance capability of the glazing sheets  
EUROPLEX® SDX-F, suitable for hot deformation and warm bending

Measurements were conducted on March 5<sup>th</sup>, 2010. The resistance to the grounding point and the surface resistance were measured. Furthermore the electrostatic charging potential as well as the discharging time were evaluated. The basic standards DIN EN 61340-5-1 and DIN EN 61340-5-2 determine the prescriptive limits. DIN EN 61340-2-1 and DIN EN 61340-2-3 were applied as test standards. The precondition is in any case that the material is connected with the common potential point.

**As conclusion it can be stated that the electrostatic dissipative EUROPLEX® SDX-F glazing sheets out of polycarbonate completely meet the requirements of the standard DIN EN 61340-5-1 before and after warm bending.  
The static dissipation at the bending edge fulfills the ESD standard.**

**Creation of the report through:** *B.E.STAT* European ESD competence centre  
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