

T E S T C E R T I F I C A T E

Number: ST-08-10-29-02

- Product:** Plastic sheets of type „EUROPLEX® SDX“
- Manufacturer:** Evonik Degussa GmbH
Creavis Technologies & Innovation
Paul-Baumann-Strasse 1
45772 Marl
- Order:** Testing of the electrostatic material properties before and after scratch load of plastic sheet of the type
EUROPLEX® SDX
given below for use in explosive areas
- Test method:** Determination of surface resistivity and resistance to earth of sample sheets according to IEC 61340-2-3:2000 and measurement of the transferred charge to the samples, which have been charged by friction or corona, according to IEC 60079-0:2004 (or EN 13463-1:2002, Appendix C) 1998
- Test report:** 278279 of 24.09.2008
- Test results:** The tested material EUROPLEX® SDX can be characterized as „suitable“ for „prevention of the build up of electrostatic charges“ as a result of measurement of the surface resistivity R_O and resistance to earth R_E according to IEC 61340-2-3:2000 before and after testing of the micro scratch resistance in accordance with IHD-Standard-445.
The assessment of the electrostatic chargeability before and after a scratch load of the materials EUROPLEX® SDX according to IEC 60079-0:2004 (or EN 13463-1:2002) has shown that these materials can be used safely in all explosion groups (I, IIA, IIB and IIC) for authorized use in potentially explosive areas in all zones, provided that reliable earthing of all objects made of these materials is carried out

Dresden, 29.10.2008



Head of laboratory



Engineer in charge