





Test laboratory accredited by Deutsches Akkreditierungssystem Prülwesen GmbH (German Accreditation System of Testing) acc. to DIN EN ISO/IEC 17025

## TEST CERTIFICATE

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 scrath lood 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 13463-13003, Appendix C) 1008

1:2002, Appendix C) 1998

Test report:

278279 of 24.09.2008

Test results:

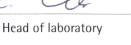
The tested material EUROPLEX $^{\otimes}$  SDX can be characterized as "suitable" for "prevention of the build up of electrostatic charges" as a result of measurement of the surface resistivity R<sub>O</sub> and resistance to earth R<sub>E</sub> according to IEC 61340-2-3:2000 before and after testing of the micro scrath resistance in accordance with IHD-Standard-445.

The assessment of the electrostatic chargeability before and after a scrath lood 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

R. Cla



eph QUALITY PROVEN OF S de n g G m b H

J. Keus

Engineer in charge