GB neuhaus
NANO COATING SURFACE

GBantistatic
Antistatic coating

***Nano**Technology*
for excellent surfaces

In many areas of industrial manufacturing as well as households, static charges are quite frequently a source of damage and contamination. The innovative nano coating **GBantistatic** protects surfaces made of plastic or glass against electrostatic charge.

gbneuhaus.de
sales@gbneuhaus.de

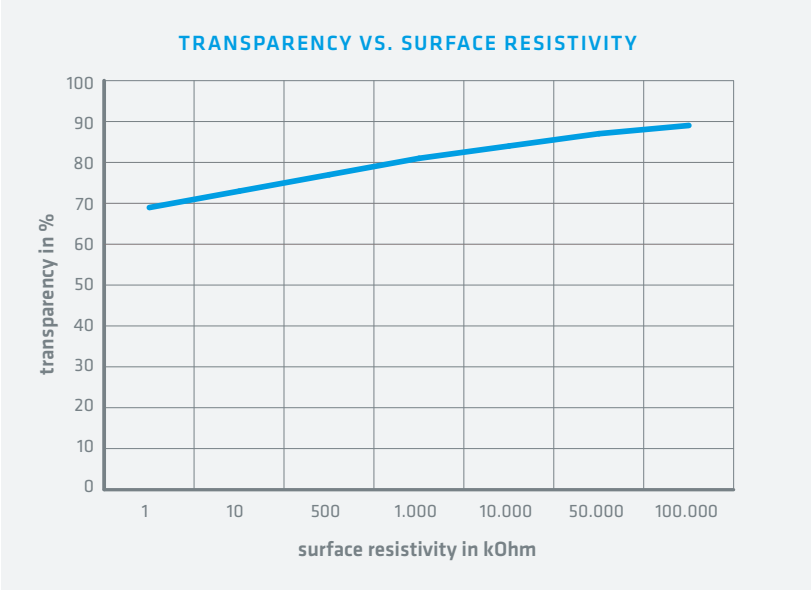
GBantistatic
Antistatic coating

SUBSTRATES

» **plastics** (polycarbonate, ethylene tetrafluoroethylene or polycarbonate films)
» **glass** (borosilicate glass, soda-lime glass, quartz glass a.s.o.)

PROPERTIES

» **prevention of electrostatic charging on surfaces** (according to DIN EN 6079-32-2)
» **specific surface resistance R = 100 kΩ ... 100 GΩ** (according to DIN EN 60093:1993-12)
» **transparency > 80 %; individually coloured on request**
» **maximum temperature load: 260 °C**
» **combinable with antimicrobial (SANPURE®) and/or hydrophobic features**
» **film thickness from 150 up to 1.500 nm**
» **no change in haptic quality of substrate**
» **scratch-resistant** (scratch hardness according to DIN EN ISO 1518 up to 20 N; pencil hardness according to DIN EN ISO 15184 up to 10 H)
» **abrasive hardness** (cross-cut test according to DIN EN ISO 2409)
» **chemical-proof to customary detergents and disinfection methods**
» **mechanically flexible**



TECHNOLOGY

» **dip coating or spraying**
» **application process is defined individually according to geometry and requirements of the substrate**

COATING

» **certified according to REACH and RoHS**
» **certified according to ISO 9001:2015; processes comply with IATF 16949**
» **environmental management conforms to ISO 14001**

GB neuhaus
NANO COATING SURFACE

GBneuhaus GmbH
Am Herrnberg 10
98724 Neuhaus | Germany
phone: +49 3679 726030
fax: +49 3679 726033

sales@gbneuhaus.de