GB neuhaus
NANO COATING SURFACE

GBconductive
Electrically conductive coating

***Nano**Technology*
for excellent surfaces

In many areas of active heating or printed electronics there is a demand for electrically conductive and transparent coatings. Within our range of innovative nano coatings, GBneuhaus provides the product **GBconductive** as a conductive coating for surfaces made of plastic or glass.

gbneuhaus.de
sales@gbneuhaus.de

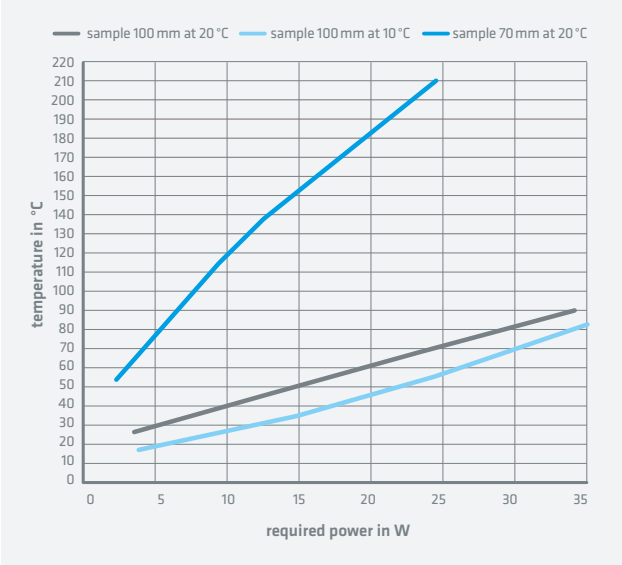
GBconductive
Electrically conductive coating

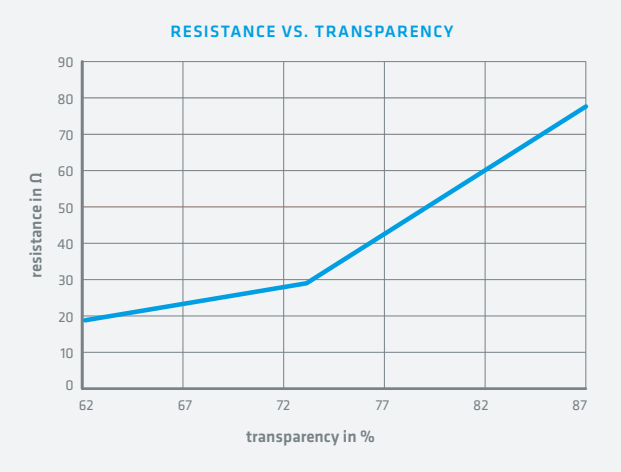
SUBSTRATE

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

PROPERTIES

» **applications for AC or DC**
» **maximum power capacity: 290 W at 19 Ω; R = 19 Ω ... 112 Ω**
» **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 optic and 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