



ELECTRICALLY CONDUCTIVE ADHESIVES / SEALANTS

GRAVIPOL
electro



GRAVIPOL electro is an ecological one-component water-dilutable electrically conductive sealant. For special purposes, it can be prepared on the basis of an organic solvent.

APPLICATION

- represents a group of electrically conductive adhesives / sealants designed to form electrically conductive joints or electromagnetic radiation shielding layers
- in cases where thermal stress is excluded (instead of soldering)

ADVANTAGES

- allows electrically conductive connection of elements in hard-to-reach places
- allows to create a surface electrically conductive / shielding layer
- allows to create partially flexible electrically conductive joints / layers
- after drying, the electrically conductive layer is insoluble in water

TECHNICAL PARAMETERS *

- electrical conductivity **100 S/cm**
- max. cross-sectional current **1 A/mm²**
- shear strength (steel) **6 MPa**
- shear strength (aluminum) **6 MPa**
- shear strength (glass) **5 MPa**

* minimum values

Electrically conductive adhesive GRAVIPOL electro was awarded the **INCHEBA Gold** prize at the international exhibition SLOVMEDICA 2009, Incheba Expo, Bratislava and the **Grand Prix 2008** prize at the fair Industry Expo 2008.

<http://www.polymer.sav.sk/OKM-Expertises>



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