

Data Sheet- EddyCus[®] Reference Sample Set

P_T_RSET_10



Highlights

- ▶ High Accuracy
- ▶ Very good homogeneity
- ▶ 12 months guaranteed sheet resistance value
- ▶ Simple to use
- ▶ Tailored to your needs
 - ▶ Various sizes
 - ▶ Various measurement ranges

Applications

- ▶ Architectural glass (LowE)
- ▶ Touch screens and flat monitors
- ▶ OLED and LED applications
- ▶ Smart-glass applications
- ▶ Transparent antistatic foils
- ▶ Photovoltaics
- ▶ Semiconductors
- ▶ De-icing and heating applications
- ▶ Batteries and fuel cells
- ▶ Packaging materials

Parameters

- ▶ Sheet Resistance (Ohm/sq)
- ▶ Metal layer thickness (nm, μm)
- ▶ Metal substrate thickness (μm)
- ▶ Anisotropy

Materials

- ▶ Metal films and meshes
- ▶ Conductive oxides
- ▶ Nanowire films
- ▶ Graphene, CNT, Graphite
- ▶ Printed films
- ▶ Conductive polymers (PEDOT:PSS)
- ▶ Other conductive films and materials

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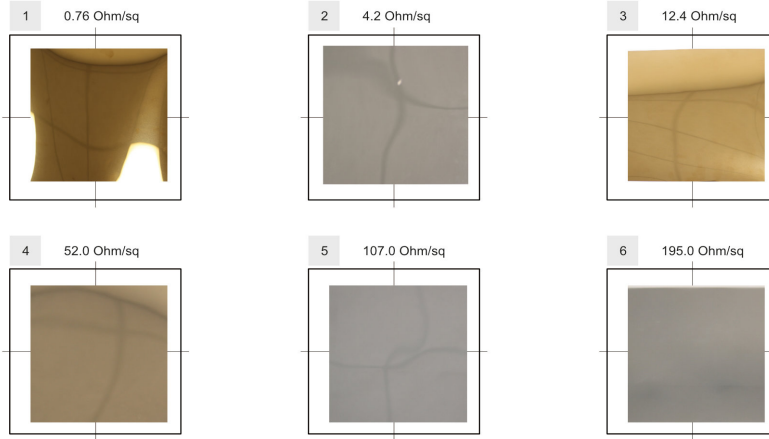
www.suragus.com
www.sheet-resistance-testing.com
www.suragus.com/FAQ
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Made and Engineered in Germany

Innovation Award by
Free State of Saxony 2013
1st Place



Reference Sample Set



Materials	Metal and alloys depending on sheet resistance range
Substrates	Foils, glass
Validity	1 year
Size	1 inch to 300 x 300 mm
Reference standard	~1 % to NIST wafer
Homogeneity	Better 1 %

The sets contain pieces with different sheet resistance values covering a range that represents the entire bandwidth.

The following sets are available:

Set of SURAGUS certified* calibration reference samples ...

(6 pcs.) for 0.001 – 0.1 Ohm/sq	(14 pcs.) for 0.01 – 100 Ohm/sq	(13 pcs.) for 0.1 – 500 Ohm/sq
(9 pcs.) for 0.001 – 1 Ohm/sq	(15 pcs.) for 0.01 – 200 Ohm/sq	(14 pcs.) for 0.1 – 1,000 Ohm/sq
(15 pcs.) for 0.001 – 100 Ohm/sq	(16 pcs.) for 0.01 – 500 Ohm/sq	(16 pcs.) for 0.1 – 2,000 Ohm/sq
(16 pcs.) for 0.001 – 200 Ohm/sq	(17 pcs.) for 0.01 – 1,000 Ohm/sq	(17 pcs.) for 0.1 – 3,000 Ohm/sq
(17 pcs.) for 0.001 – 500 Ohm/sq	(19 pcs.) for 0.01 – 2,000 Ohm/sq	(18 pcs.) for 0.1 – 5,000 Ohm/sq
(18 pcs.) for 0.001 – 1,000 Ohm/sq	(20 pcs.) for 0.01 – 3,000 Ohm/sq	(4 pcs.) for 100 – 500 Ohm/sq
(20 pcs.) for 0.001 – 2,000 Ohm/sq	(21 pcs.) for 0.01 – 5,000 Ohm/sq	(5 pcs.) for 100 – 1,000 Ohm/sq
(21 pcs.) for 0.001 – 3,000 Ohm/sq	(8 pcs.) for 0.1 – 10 Ohm/sq	(7 pcs.) for 100 – 2,000 Ohm/sq
(22 pcs.) for 0.001 – 5,000 Ohm/sq	(11 pcs.) for 0.1 – 100 Ohm/sq	(8 pcs.) for 100 – 3,000 Ohm/sq
	(12 pcs.) for 0.1 – 200 Ohm/sq	(9 pcs.) for 100 – 5,000 Ohm/sq

* Please note that these reference samples are SURAGUS certified. Reference samples in accordance with ISO/IEC 17025 are available on request.