

Data Sheet – EddyCus[®] Reference Sample Set

P_T_RSET_13



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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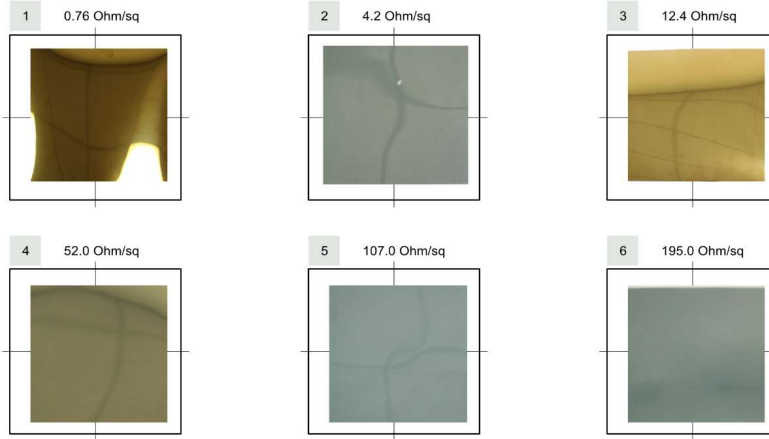
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www.sheet-resistance-testing.com
www.suragus.com/FAQ
www.suragus.com/ReferenceSamples

Made and Engineered in Germany 



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.