



INNOVATIVE PLASTICS
INCORPORATED*

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Conductivity of IPI Acrylic Sheet

IPI sheets are tested with an Autoranging Resistance Indicator that measures surface resistivity and expresses the results in ohms. Sheet materials manufactured with DR resin indicate greater than 10^{12} Ohms surface resistivity, which classifies these materials as insulative. While this device does not indicate specific values above 10^{12} Ohms resistance, it is safe to use that value as a minimum.

Resistance is calculated as follows:

Ohms Resistance = (Voltage /Microamps) x 1,000,000 and

Resistivity = Ohms Resistance x 3.904.

Surface Resistivity value in ohms is what we are currently limited to measuring in terms of electrical properties.

NOTE: The above information is given in good faith, but no warranty, express or implied, is given.
