

SEE INSIDE OUR SCIENCE: TESTING TERMINOLOGY & METHODOLOGIES

Every product we make comes with exacting metrics on its physical properties. Using the recommended best practices of the Institute of Environmental Sciences and Technology (IEST), here are some of the most important characteristics we test for.

EXTRACTABLE IONS

Determines the amount of water-soluble ions that could be left as a residue. Wipers are tested for the major ions most likely to be present in any concentration. Expressed in parts per million (ppm).

NON-VOLATILE RESIDUE

Measures the total amount of soluble foreign material present. Testing is performed with water and with isopropyl alcohol. Expressed in milligrams per gram (mg/g).

PARTICLE GENERATION

Determines the particle load under minimal stress. Measures the cleanliness of the material and its tendency to shed particles. Expressed as the number of particles larger than 0.5 μ released from a 1 m² piece of material.

SORBENCY

Extrinsic

Indicates the liquid holding capabilities per square area of material. Expressed in milliliters per square meter of material (ml/m²).

Intrinsic

Indicates the liquid holding capabilities based on material weight. Expressed in milliliters per gram (ml/g).

THICKNESS

Measures material thickness.
Expressed as mils (1 mil = 0.001").

FABRIC WEIGHT

Indicates the weight of a given area of textile.
Expressed in grams per square meter of material (g/m²) or ounces per square yard of material (oz/yd²).

Visionary Cleaning System

Saturix is a complete system for critical cleaning featuring innovative carts, mops and wipes backed by 100 years of cleaning experience. With focused product selection, it's easy to find exactly what you need right now.

To learn more about our products, visit us online at [Saturix.com](https://www.saturix.com) or contact us at +1 (413) 598-8344 or info@saturix.com

