

## Filter Paper Information & Definitions - Tech Support

### The Material Specs for Antarisz™ Cellulose Filter Paper.

- **Filter Media:** Nomenclature is serialized and no indication of grade or quality.
- **Furnish:** The raw materials used in the manufacture of the wet laid product.
- **Ash content:** Dry method, determined in exposure at 900°C in muffle furnace.
- **Retention:** Nominal retention of particulate at 98% efficiency in liquid.
- **Flow:** Liquid flow rate speed relative to other comparable products listed in this product alignment.
- **Basis weight:** Nominal weight of material per meter<sup>2</sup> indicated "gram weight" unit of measure at 8% moisture.
- **Thickness:** As measured under 4 psi using TAPPI method T411
- **Flat/Fluted:** Flat stock is supplied as sheets, rolls or die cut parts. Fluted is ¼ or ½ quadrant funnel folding.
- **Surface:** Stated as relative to comparable products listed in this product alignment.
- **Brightness:** Stated as relative to comparable products listed in this product alignment.

**CFP1:** Very widely used filter media demonstrating retention of approximately 11µm and medium flow rate. Used in a broad range of laboratory and environmental applications, this media is ideally suited in separating lead sulfate, calcium carbonate and calcium oxalate precipitates. This media is the standard for agricultural procedures such as soil and seed sample testing. Also, it is commonly used as a separation media in the food and beverage industry to extract liquids from solid samples.

Due to the consistent bright white color of this media, it is ideal for photometric stain intensity measurement of air samples. The media can also be impregnated with reagents for use in quantifying optical reflectance in gas detection procedures.