

## A COMPARISON OF CRITICAL CRITERIA

### Purified (Bleached) Cotton Vs Cleaned (Unbleached) Cotton

- Why Bleached Purified Cotton is the Preferred fiber for your application versus Cleaned Unbleached cotton
  - o Cleaned, Unbleached cotton is non-absorbent
    - **Purified Cotton absorbs 25 x's own weight**
  - o Cleaned Cotton, Unbleached cotton does not meet USP, EP or other standards for purified cotton
    - **Purified cotton meets all standards**
  - o Cleaned, Unbleached cotton has High levels of Bioburden as compared to purified cotton
    - **Purified Cotton - <10 CFU/gm** (total plate count & Mold/Yeast analysis)
    - **Cleaned & Unbleached Cotton – 40,000 CFU/gm** (total plate count) and 1,800 CFU/gm (Mold/Yeast analysis) as determined by independent lab analysis
  - o Cleaned, Unbleached cotton falls within the scope of OSHA Cotton Dust Standard
    - **Purified Cotton does not**
  - o Cleaned, Unbleached cotton is a khaki color
    - **Purified Cotton using peroxide is bright white color**
  - o Cleaned, Unbleached cotton does not pass INDA's Flushability Standard for Anaerobic Compostability
    - **Purified Cotton passes both the Standard for Anaerobic and Aerobic Compostability**

*Purified Cotton – A Standard of Excellence For Cellulosic Fiber Needs*