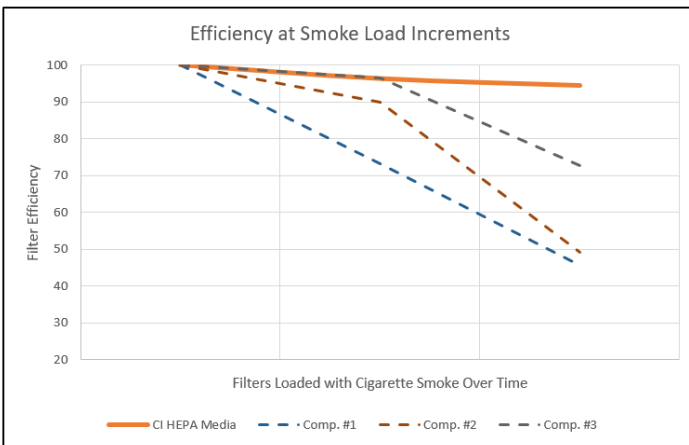


## CI Supercharged Media

Columbus Industries produces supercharged polypropylene media for use in a wide range of applications where high efficiency and low resistance most desired. For HVAC, CI has grades of material that, when in application, yield from Merv 16 to a Merv 16/16A. When tested against ASHRAE 52.2 with Appendix J. HVAC filters made with CI Supercharged media are best in class in terms of resistance, life and efficiency. In the Air purifier market, Columbus Industries can reach HEPA level performance when tested against IEST-RP-CC001.6 using solid aerosol challenge. In addition, the CI Supercharged media has Best-In-Class performance against cigarette smoke. The chart below shows a comparison of how the efficiency of filters made with CI supercharged media compares to the competition over the life of a filter as it is loaded with cigarette smoke.



Also, because CI employs a green, clean method of supercharging our materials the resultant VOC emissions from filters made with our materials is very low. Thus eliminating customer complaints due to unwanted startup odors. Columbus Industries also makes

even higher efficient materials that are rated H13 and H14 when tested according to the EN1822 with dry aerosol. These same materials are also highly resist oily aerosols and can achieve HEPA performance when tested with DEHS according to IEST-RP-CC001.6. These materials have been successfully deployed into the restoration and recovery market where filter performance and integrity of efficiency over the life of the filter is critical.

Our supercharged meltblown can be combined with a wide array of backing materials and subsequently pleated to fit a wide range of applications. Our backing offering includes glass fiber for tall, stiff pleats, ultrathin hybrid backers for applications where a high pleat density is required. We also employ carbon coated backers that can be tailored to target specific chemicals in the air. And finally our supercharged meltblown can be combined with granular treated carbons for those applications where high efficacy against VOC's are needed.