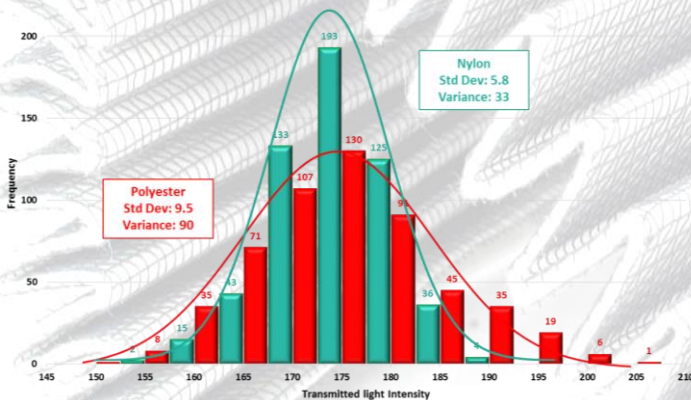


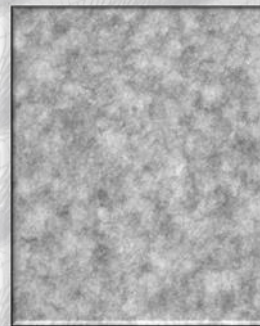
Nylon 6,6 Spunbond Delivers Uniformity When it Matters

Substrate uniformity has a measurable impact on filter performance

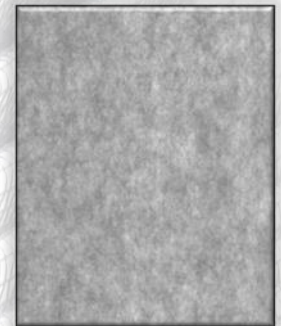
- Basis weight variability of 34 gsm spunbond nylon is 64% less than polyester fabrics
- Thickness variability of nylon fabrics is up to 90% less variable than polyester
- Air permeability variability is at least 46% less for nylon spunbond than polyester
- Indices show 34 gsm nylon spunbond is at least twice as uniform as polyester
- The variance of the efficiency of nanofiber with a nylon substrate is 75% lower



Variance (σ^2) of transmitted light intensity for 20 gsm nylon spunbond is 63% lower than for polyester spunbond.



Polyester



Nylon

Which spun bond fabric looks more uniform to you?

When Performance Matters..... Nylon Delivers™

- Increase consistency in filter media performance in nanofiber, melt blown and membrane casting production
- Minimize downstream fiber migration, contaminate shedding and channeling in dynamic flow applications
- Provides more consistent protection against burst failures during system pulsations and better media protection during pleating
- Combined with nylon's greater strength, temperature and chemical resistance enables high performance advanced media designs