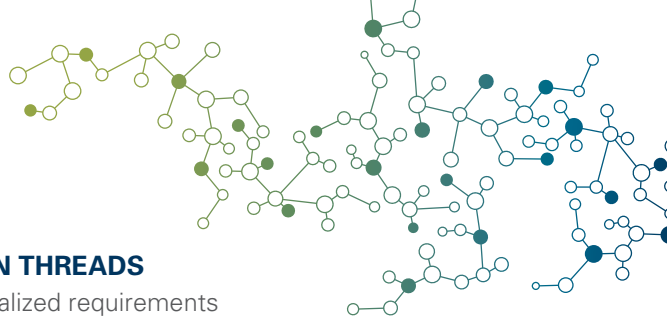


# NONWOVEN FIBERS

## UNMATCHED QUALITY AND PERFORMANCE ARE THE COMMON THREADS

Americhem's color and additive solutions are designed to meet the specialized requirements of the nonwovens industry. Our custom colors, single pigment dispersions, and additive masterbatches help customers achieve faster speed to market and improve manufacturing efficiencies.



## MARKET SECTORS



## SUPERIOR DISPERSION TECHNOLOGY TRANSLATES INTO FEWER PACK CHANGES AND HIGHER YIELDS.

### Enhanced Consistency:

- Unsurpassed uniformity results in reduced color shift during downstream processing & lot to lot uniformity.

### Reduced Pack Pressure:

- Fewer aggregates and agglomerates increase pack life and spinning efficiency, resulting in less downtime and higher yields.

### Fewer Spin Breaks:

- Fabric Defects are reduced through uniform dispersion.

## PROCESS TECHNOLOGY

Advanced technologies have been developed for the finest dispersion processes for polypropylene, polyethylene, polyester, nylon and many other resin types.

- Spunbonded
- Meltblown
- Cast Film



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PERFORMANCE | SOLUTIONS | TRUST

# PERFORMANCE ADDITIVES

**ADDITIVE MASTERBATCHES ARE CUSTOMIZED FOR EACH POLYMER, PROCESS AND END USE APPLICATION**

## Americhem Additive Brands

- mBrace™ Softening Agents
- nShield™ Antimicrobials
- nDuramax™ UV Stabilizers
- nVision™ Color & Additive

## Other Additives Offered

- Antioxidants
- Flame Retardants
- Hydrophobics
- Strength Enhancers
- Antistatics
- Hydrophilics
- Optical Brighteners

## A PARTNERSHIP THAT PROMOTES EXCEPTIONAL PRODUCTS

**AMERICHEM WORKS WITH CUSTOMERS TO DEFINE REQUIREMENTS AND OPTIMIZE NEW PRODUCT DESIGNS**

- Experts in meeting exact color and stringent end-use properties
- Dispersion science and rheology expertise help create products that reduce die face buildup
- Proactive product reviews ensure optimum pigment/additive technology

## Fiber Design Centers

- Dalton, GA
- Suzhou, China
- Manchester, UK
- Pune, India

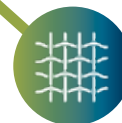
Customers can view colors in spunbonded fabric, reducing the cycle time associated with product development.

## Process Simulation

- Spunbond pilot line
- High speed take-up line for continuous filament capabilities

## Product Testing

Advanced testing capabilities ensure high-level product quality that reduces development time and expense. Dozens of analytical and physical property tests are performed directly at our research & development labs. Customers can also put products to the test at our accelerated and outdoor weathering facilities.



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World Headquarters • 2000 Americhem Way • Cuyahoga Falls, OH 44221  
Tel: +1.330.929.4213 • Toll Free: +1.800.228.3476 • [www.americhem.com](http://www.americhem.com)