



UpstateSCAlliance



**970+**

engineered materials  
companies in Upstate SC



**40,100+**

employed in Upstate SC's  
engineered materials industry



**2,089**

manufacturers  
in Upstate SC



**300+**

robotics & automation  
companies



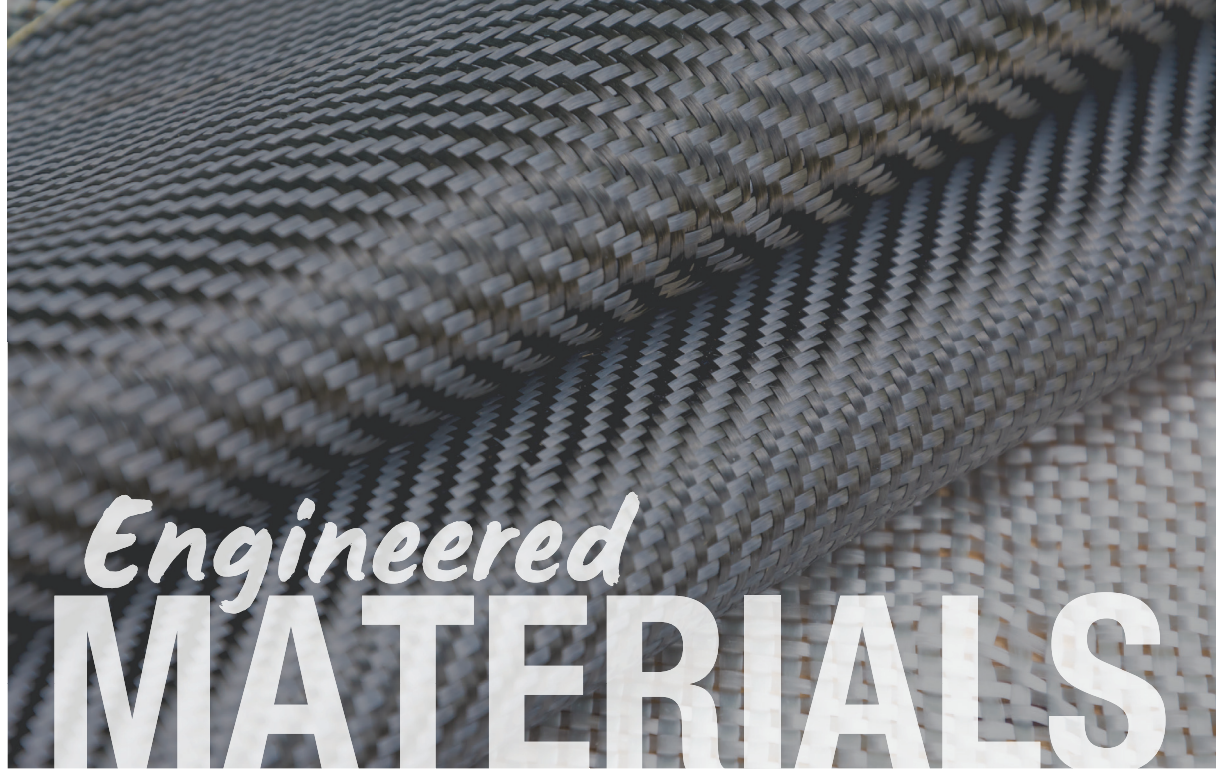
**539**

international companies



**4th**

lowest industrial power  
costs on East Coast

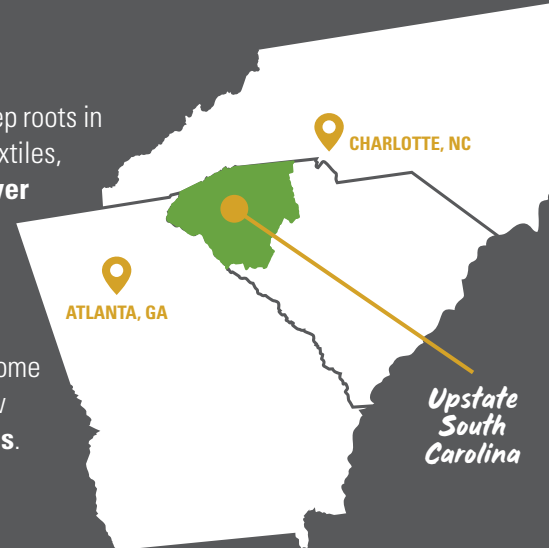


# Engineered MATERIALS

## *Lighter. Stronger. Faster.*

Engineered materials research and manufacturing has deep roots in Upstate South Carolina. Building upon its rich history in textiles, the Upstate's advanced materials cluster has grown to **over 970 businesses, with 40,100+ employees**, which is 77% higher than the national average.

Upstate businesses are engineering materials that are solving industry challenges and producing materials for some of the world's most complex products — innovations now found in **Boeing's 787 Dreamliner to BMW's X models**. From surfboards to circuit boards, Upstate companies are making materials that are lighter, stronger, and faster.



## *Strength in Engineering*



**2.5x**

national concentration  
for industrial engineers



**#3**

for high-tech job growth  
*South Carolina*



**1,996**

engineering  
graduates in 2021



**10,824**

engineers  
*1.45x national average*

“

After a five-year search for our new East Coast manufacturing location, we have settled on Pickens County in the beautiful state of South Carolina. We chose this location not only for the strong labor force, but also because Pickens County and South Carolina both understand that manufacturing is the backbone of our nation's economy, and their focus is clearly on helping companies like ours succeed.”

**Mark Peabody**  
CEO, PEABODY ENGINEERING

## UPSTATE LEADERS IN ENGINEERED MATERIALS

Milliken



MITSUBISHI  
POLYESTER FILM

FAFL

CYTEC  
SOLVAY GROUP

TEIJIN

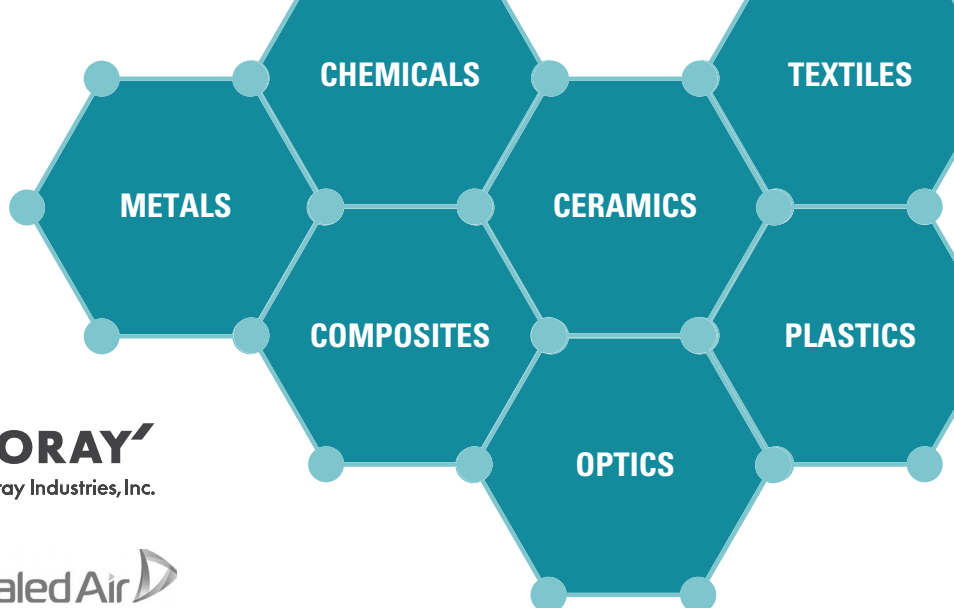
'TORAY'  
Toray Industries, Inc.

SAGE  
Automotive Interiors



GE Aviation

Sealed Air



## FUELING THE CLUSTER

From advancing optical connectivity to pioneering bioresorbables to lightweighting solutions for the automotive and aerospace industries, innovation and engineering are fueling the advanced materials cluster in the Upstate. And, our local research institutions are partnering with Upstate companies to support innovative research and engineering that propel industry forward.

### ADVANCED MATERIALS RESEARCH LABORATORY

Clemson's Advanced Materials Research Laboratory (AMRL), a state-of-the-art facility, houses internationally recognized research programs in optoelectronics, chemistry and materials science.

CLEMSON  
UNIVERSITY

#### Available resources include:

- Electron Microscopy Laboratories
- Optical fiber drawing capabilities
- Laser & chemical laboratories
- Class 100 clean rooms & instrumentation facilities

### McNAIR CENTER FOR AEROSPACE INNOVATION & RESEARCH

University of South Carolina's Center for Aerospace Innovation and Research supports industry through aerospace education, research leadership and industry advancement.



South Carolina

#### Core research areas:

- Steered fiber non-conventional laminate design
- Automated novel structural composite part production
- Multi-disciplinary design optimization of composite (aircraft) structures
- Automated, fusion based assembly

## RECENT UPSTATE ANNOUNCEMENTS by Capital Investment

COMPANY	CAPEX	JOBS
Michelin, NA	\$175,000,000	—
Fitesa Simpsonville Inc	\$100,000,000	40
Pregis	\$80,000,000	120
Glen Raven	\$70,000,000	135
Fibertex Nonwovens Inc	\$49,500,000	39
Milliken & Company	\$40,000,000	—
Siemens Energy Management	\$39,883,452	176
Cytec	\$39,000,000	30
Prysmian	\$30,000,000	30
Tindall Corporation	\$27,900,000	20
Plastic Omnium Industries Inc	\$27,000,000	—
VELUX Greenwood	\$26,000,000	—
Alupress	\$20,570,000	79
Tietex International LTD	\$17,314,600	100

## CONNECT WITH US

The Upstate SC Alliance is a public-private regional economic development organization. Let our Business Recruitment Team assist you in finding the perfect location, market intelligence or business connections. We support companies of all sizes. Let's talk.

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Business moves here.