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Jenifer Potts / Manager, Global Compound Business Group.

AGC Chemicals America (AGCCA) is responsible for AGC's global fluoropolymer compounding business. The company has a sales, development and technical service (TS) base and the group's largest compound factory in Thorndale, Pennsylvania, USA, and supplies products to the United States, Europe, South America, and Asia including China. In 2023, AGC established a Compound Business Group for fluoropolymers to bring together the knowledge and technology of each base and accelerate the development of new customers and applications. AGCCA will play a central role in this.

AGC aims to achieve sales of more than 300 billion yen by 2030 in its performance chemicals business, centered on fluorochemicals. In addition to ETFE, which the company mass-produced for the first time in the world, it has a lineup of PTFE, PFA, and fluorine-based elastomers, and aims to deepen its efforts in growth markets such as semiconductors, energy, aerospace, and automobiles.

AGCCA has hundreds of customer accounts in North America, Central and South America for fluoropolymer compounds, and holds a particularly high market share in ETFE. Last year, AGCCA expanded its compound factory and added an extruder in response to requests from energy and automobile-related customers.

In the United States, demand for fluoropolymers is expected to increase in areas such as the chemical industry, oil and gas development, and next-generation EVs. The TS Center is working to improve heat resistance, durability, flexibility, and low dielectric properties for EV applications.

With the establishment of the Compound Business Group, AGC will share the development, manufacturing, and marketing functions of AGCCA and AGC's bases in Japan, Europe, China, and Singapore. While sharing information through group-wide integrated global business operations, AGC will quickly respond to technical requirements that differ from region to region.

AGC is also investing in increased production of fluoropolymer compounds at its Chiba plant in Japan, which is scheduled to be completed by the end of 2024. Product interchange between Japan and the United States has also begun. Additionally, in preparation for medium- to long-term demand growth in Asia and Europe, AGC will consider establishing compounding bases in East Asia or Southeast Asia, and Europe where it has polymerization base.