EVERFLON ACADEMIC

EVERFLON

Melt Fluoroplastic Compound

# BROCHURE

# ABOUT EVERFLON+

Everflon+ Melt Fluoropolymer Compounds(MFC) is the professional long-standing custom fluoropolymer compounder in the world. Drawing from an extensive global supply chain of resins and fillers, we can produce any filled PTFE or melt processable fluoropolymer compound, customized to your specific needs.

We also offer a wide selection of off-the-shelf compounds based on Everflon™ resins that can be used for increased chemical resistance, wear resistance, creep resistance, toughness, lubricity, thermal conductivity and electrical conductivity. All compounds are manufactured to precise specifications. We have been compounding PTFE and other fluoropolymer resins for more than 10 years, and we offer you access to our dedicated technology center with specialized resources and equipment for fluoropolymer product development.


## COMMITMENT TO QUALITY

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Designed to enhance properties and add pigment to a wide range of fluoropolymer resins, our Everflon+™ MFC modify resistance, durability and lubricity. Improving the properties of ETFE, FEP, PFA and PVDF, Everflon+™ MFC are custom manufactured to achieve your precise application needs.

Along with years of industry experience, technical expertise and an extensive variety of products comes our notable customer service. Our stand-alone technology center with specialized resources and equipment for product development enables us to offer customers around the world all levels of service, testing and support through every step of the process.

# COLOR CONCENTRATE

• Color concentrates are used for color-coded wire insulation, tubing, films and injection molded parts. Properties include superb surface finish, color consistency and dispersion– even at high extrusion rates.

• Our color concentrates are based on neat resin and pigment only, where the raw materials are highly scrutinized for specifications and compatibility.

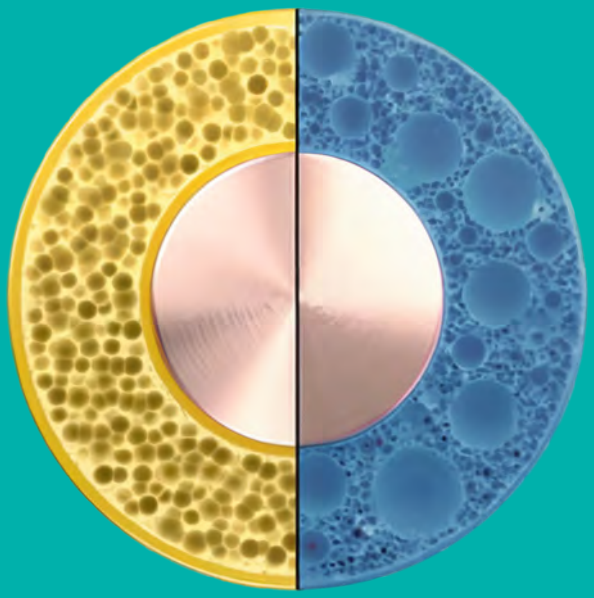
• Standard colors available include White, Orange, Blue, Green, Brown, Red, Black, Yellow, Violet and Gray. Custom colors are available upon request.

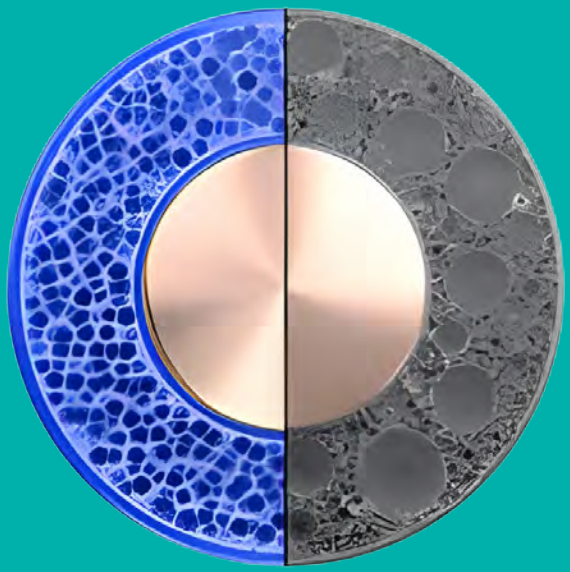
• We incorporate strict QC procedures to ensure consistent pellet size and integrity, giving you optimized production and consistency lot to lot without adjustments.

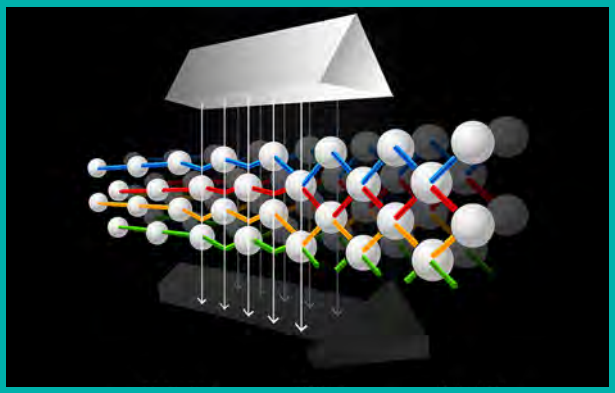
# FOAM RESIN

• Foam concentrates are designed for gas injection foaming used for manufacture of LAN and coaxial cable. Two types of standard grades are available: higher flow FEP foam concentrates for thin wall applications (LAN) and lower flow for thicker wall constructions (coaxial). We can also customize foam concentrates to meet your application parameters.

• The properties of foamed insulation help minimize signal loss, enhance high-speed data transmission, and save weight and material, potentially resulting in a cost savings to you.







## CONDUCTIVE/ ANTI-STATIC

• Made with ETFE or PFA and carbon, conductive compounds are used for control of heat and static electricity. Wire coated with a conductive fluoropolymer may be used to wrap and thaw frozen pipes, to locate pipeline leaks by detecting thermal change, or as static dissipative fuel lines.

• Conductive compounds are manufactured as ready-to-use products. Typical customization of products includes melt flow rate of final compound and conductivity needed for the application. Consistency and processability are the key factors in developing these compounds.

## CROSS-LINKABLE COMPOUNDS

• Cross-link compounds are used for insulating air frame, industrial and shipboard wiring. These compounds are also used where high temperature, abrasion and cut-through resistance are important considerations. They are manufactured as ready-to-use products and may be pigmented.

• Typical customization of products includes color, melt flow rate of final compound, and amount of cross-linking needed for the application. The processed article can be cross-linked using electron-beam radiation or gamma radiation.

**For more information about our company, products and service, please visit our website at www.everflon.com or www.everflonultra.com**

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