

Powders for High Performance Coatings

Advanced Materials When Performance Matters

Fluon® ETFE is a melt-processable copolymer of tetrafluoroethylene and ethylene. Fluon ETFE possesses a unique combination of desirable properties such as higher resistance to heat and chemical attack, outstanding physical toughness, and non-stick characteristics. Various powder grades are available for different processing methods and application needs.

Rotational molding and lining grades as well as electrostatic coatings materials are designed to be free-flowing powders with particle morphologies necessary to uniformly coat the most challenging and complex parts.

Features

- Excellent chemical resistance ensuring less chance of corrosion
- Outstanding heat resistance up to 150 °C
- Superior physical toughness and abrasion resistance
- Exceptional electrical properties, UL-94 V-0 rated
- Seamless coatings even with complex shapes
- Excellent adhesion to the substrate, especially when used with a primer
- Bonds to metal for enhanced peel strength
- Low melt point grades available
- Food contact compliance grades available



Processing Options

- Electrostatic spray coating
- Rotolining and rotomolding
- Fluid dip coating

Applications

- Corrosion-resistant coatings
- Butterfly valve coatings
- Pump linings
- Pipe, fittings, and tank coatings



Fluon ETFE Powder Grades

Grade	Molded Thickness	Molding Method	Characteristic and Usage
TL-581	2~5 mm	Rotolining / rotomolding	Corrosion-resistant for severe conditions: reactors, tanks, pipes, pumps, impellers
TL-081	1 mm	Electrostatic and fluid dip coating (over-coat)	
LM-2150	1 mm	Electrostatic coating	Low-melting, smooth surface
LM-2300N	2~5 mm	Rotolining	



Contact your AGC Chemicals commercial representative for more information on specific grades or for technical datasheets.



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