

# POLYFLON™ F-131

Polytetrafluoroethylene

DAIKIN AMERICA, INC.

## Message:

Daikin PTFE (polytetrafluoroethylene) fine powders are soft, white polymers that are produced from PTFE aqueous dispersions. These fine powders possess the lowest coefficient of friction, the highest heat resistance, chemical resistance, electrical properties, and non-sticking properties of all fluoropolymers.

Daikin PTFE fine powders readily adsorb organic solvents resulting in the formation of a paste that can be easily extruded into thin, flexible sections.

General Information			
Features	High Molecular Weight		
	Homopolymer		
Uses	Tape		
	Tubing		
Appearance	White		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.45	g/cm <sup>3</sup>	ASTM D4895
Particle Size	500	μm	ASTM D4895
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 19.6	MPa	ASTM D4895
Tensile Elongation (Break)	> 300	%	ASTM D4895
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	326 to 328	°C	JIS K6891
Electrical	Nominal Value		Test Method
Dielectric Constant	2.07		
Dissipation Factor	2.0E-4		ASTM D4895

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## Recommended distributors for this material

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