

# POLYFLON™ L-5F

Polytetrafluoroethylene

DAIKIN AMERICA, INC.

## Message:

DAIKIN-POLYFLON PTFE L-5F is a low molecular weight (PTFE) polytetrafluoroethylene. L-5F is a white powder which provides excellent lubricating and nonstick properties. It can be used as a surface coating or a compounding additive to improve the properties of other materials.

Versatile

Exceptional dry lubricant

Easily dispersed

General Information			
Features	Dispersible		
	Low Molecular Weight		
	Self Lubricating		
Uses	Coating Applications		
Appearance	White		
Forms	Powder		
Processing Method	Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.20	g/cm <sup>3</sup>	Internal Method
Apparent Density	> 0.40	g/cm <sup>3</sup>	Internal Method
Particle Size			
Average	5.00	μm	
Primary	0.200	μm	
Specific Surface Area	11	m <sup>2</sup> /g	
Volatiles	0.2	wt%	
Mechanical	Nominal Value		Test Method
Coefficient of Friction (vs. Itself - Static)	0.060		Internal Method
Thermal	Nominal Value	Unit	
Melting Temperature	327	°C	

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## Recommended distributors for this material

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