

# POLYFLON™ F-107

Polytetrafluoroethylene

DAIKIN AMERICA, INC.

## Message:

Daikin-Polyflon PTFE F-107 is a high molecular weight polytetrafluoroethylene fine powder resin for paste extrusion. F-107 has been specifically designed for the manufacture of unsintered tapes, sintered tapes and porous applications at low reduction ratios.

General Information			
Features	High molecular weight		
Uses	Strap		
	Pipe fittings		
Appearance	White		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.15 - 2.17	g/cm <sup>3</sup>	ASTM D4895
Apparent Density	> 0.40	g/cm <sup>3</sup>	ASTM D4895
Particle Size	400 - 650	μm	ASTM D4895
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 25.0	MPa	ASTM D4895
Tensile Elongation (Break)	> 300	%	ASTM D4895
Extrusion instructions			

Extrusion Pressure: 130 to 230 kg/cm<sup>2</sup>

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## Recommended distributors for this material

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