

POLYFLON™ F-104

Polytetrafluoroethylene

DAIKIN AMERICA, INC.

Message:

Daikin-Polyflon PTFE F-104 is a polytetrafluoroethylene fine powder resin for paste extrusion. F-104 has been specifically designed for the manufacture of unsintered tapes, sintered tapes and tubing at low reduction ratios.

General Information			
UL YellowCard	E167420-225064		
Uses	Strap		
	Pipe fittings		
Appearance	White		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.16 - 2.20	g/cm ³	ASTM D4895
Apparent Density	> 0.40	g/cm ³	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: 115 to 170 kg/cm²

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Recommended distributors for this material

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