# POLYFLON™ F-208

### 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 Clarity		
	High Heat Resistance		
	Low Temperature Resistant		
	Non-Stick		
Uses	Wire & Cable Applications		
Appearance	White		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.45	g/cm³	ASTM D4895
Average Particle Size	500	μm	ASTM D4895
Reduction Ratio <sup>1</sup>	> 4000		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 19.6	MPa	ASTM D638
Tensile Elongation (Break)	> 350	%	JIS K6891
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	322 to 328	°C	ASTM D4895
Electrical	Nominal Value		
Dielectric Constant	2.10		
Dissipation Factor	1.9E-4		
NOTE			
	The reduction ratio refers to the cross-sectional area of the resin		

The reduction ratio refers to the cross-sectional area of the resin nside the cylinder of the extruder (S1) and the cross-sectional area of the resin in the die land (S2), R. R. =S1/S2

1.

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

