

# POLYFLON™ F-205

Polytetrafluoroethylene

DAIKIN AMERICA, INC.

## Message:

Daikin-Polyflon PTFE F-205 is a polytetrafluoroethylene fine powder resin for paste extrusion. F-205 has been specifically designed for the manufacture of thin wall tubing and wire coating applications requiring good color, clarity, thermal stability and stress crack resistance. F-205 may be run at high reduction ratios and high speeds.

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	Good color stability		
	Definition, high		
	Thermal stability, good		
Uses	Wire sheath		
	Pipe fittings		
Appearance	White		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.16 - 2.18	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)	> 350	%	ASTM D4895
Extrusion instructions			

Extrusion Pressure: 650 to 820 kg/cm<sup>2</sup>

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.

## Recommended distributors for this material

### 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



WECHAT