

POLYFLON™ F-303

Polytetrafluoroethylene

DAIKIN AMERICA, INC.

Message:

Daikin-Polyflon PTFE F-303 is a high molecular weight polytetrafluoroethylene fine powder resin for paste extrusion. F-303 has been specifically designed for the manufacture of medium to large diameter tubing, large size wire coating and electrical tape applications requiring improved heat resistance, thermal fusion clarity and/or stress crack resistance properties.

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	High molecular weight		
	Heat resistance, high		
	Definition, high		
Uses	Strap		
	Wire sheath		
	Pipe fittings		
Appearance	White		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.14 - 2.16	g/cm ³	ASTM D4895
Apparent Density	> 0.40	g/cm ³	ASTM D4895
Particle Size	400 - 700	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 210 kg/cm ²			

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WECHAT