

# Chemfluor PTFE

Polytetrafluoroethylene

Saint Gobain - Norton

Message:

Chemfluor PTFE is a Polytetrafluoroethylene (PTFE) product. It is available in North America. Typical application: Food Contact Applications.

Characteristics include:

- Flame Rated
- Low to No Odor/Taste
- Chemical Resistant
- Good Flexibility
- Good UV Resistance

General Information			
Features	Good Chemical Resistance		
	Good Flexibility		
	Good UV Resistance		
	Good Wear Resistance		
	High Purity		
	Low to No Odor		
	Low to No Taste		
	Non-Toxic		
Uses	Food Service Applications		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Opaque		
Forms	Tubing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.17	g/cm <sup>3</sup>	ASTM D792
Water Absorption (24 hr)	0.010	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Yield)	250	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	288	°C	ASTM D794
Brittleness Temperature	-268	°C	ASTM D746
Melting Temperature	327	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	79	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

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