

Chemfluor FEP

Perfluoroethylene Propylene Copolymer

Saint Gobain - Norton

Message:

Chemfluor FEP is a Perfluoroethylene Propylene Copolymer (FEP) 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	Clear/Transparent		
Forms	Tubing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.16	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.010	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Yield)	280	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	204	°C	ASTM D794
Brittleness Temperature	-73.3	°C	ASTM D746
Melting Temperature	260 to 277	°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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