



PCTFE

(Polychlorotrifluoroethylene)

Properties

Properties	Testing Method (ASTM)	Unit	Value
Physical Properties			
Specific Gravity	D-792	g/cm3	2.12-2.16
Mechanical			
Tensile Strength	D-638	Mpa	34~45
Elongation	D-638	%	100~180
Impact Strength	D-256	J/m	133~144
Shore D	Durometer		75~82
Thermal			
Temperature range	/	°F	-400~260 -495 (short time)
Melting point	/	°F	414

All information is intended only as general guidelines.

MATERIAL CLASS

- ASTM D 1430-89 Type 1, Grade 2
- ASTM D 1430-95 Type 1, Grade 3
- ASTM D 1430-17 Group 1, Class 1, Grade 3
- FDA compliant per 21 CFR177.1380