



CT Gasket & Polymer Co., Inc.

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PCTFE (Kel-F®)

PCTFE is a crystalline polymer with a melting point of 425° F. PCTFE is inert to most reactive chemicals at room temperature; however, above 212° F, a few solvents dissolve the material, especially chlorinated types. This polymer is an excellent choice when you need physical and mechanical integrity at extremely low or high temperatures or in very aggressive chemical environments.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	UNITS	ASTM	TYPICAL
Specific Gravity, 73 Deg. F.	-	D792	2.12
Tensile Strength	psi	D-1708	5,000
Elongation	%	D-1708	150
Hardness Durometer	Shore D	D-2240	80
Water Absorption	%	D-570	0
Melting Point	F	D-3418	410
Upper Service Temperature	F	UL 746B	248
Flammability		ANSI/UL 94	VO

This information is only to assist and advise you on current technical knowledge and is given without obligation or liability.