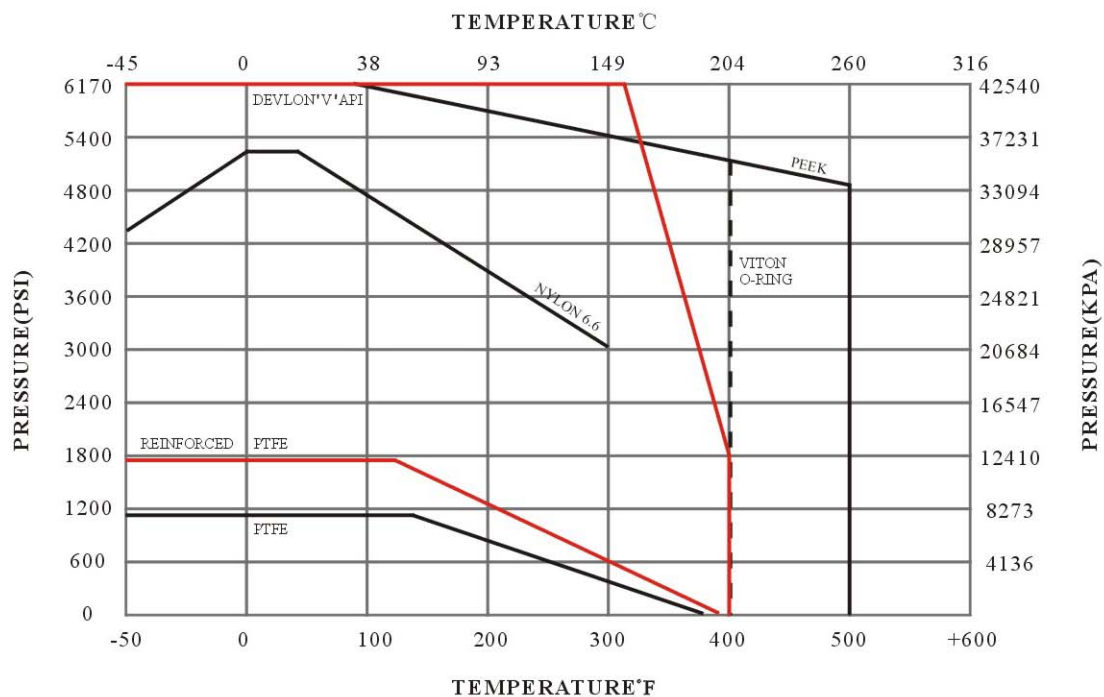


## CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES

ASTM	CHEMICAL COMPOSITION%											MECHANICAL PROPERTIES					
	C≤	Mn≤	P≤	S≤	Si≤	Cr≤	Mo≤	Ni≤	Cu≤	V≤	Nb≤	TENSILE	YIELD	ELONGATION	REDUCTION	HARDNESS	CHARPY
A105	0.35	0.60~1.05	0.035	0.04	0.10~0.35	0.30	0.12	0.40	0.40	0.08	0.02	485	250	30	30	187	
A182 F304	0.08	2.00	0.045	0.03	1.00	18.0~20.0		8.0~11.0				515	205	30	50		
A182 F316	0.08	2.00	0.04	0.03	1.00	16.0~18.0	2.00~3.00	10.0~14.0				515	205	30	50		
A182 F6	0.15	1.00	0.04	0.03	1.00	11.5~13.5		0.50				585	380	18	35	167~229	
A216 WCB	0.30	1.00	0.04	0.045	0.60	0.50	0.20	0.50	0.30	0.03		485~655	250	22	35		
A276 410	0.08~0.15	1.00	0.04	0.03	1.00	11.5~13.5						480	275	20	45		
A350 LF2	0.30	0.60~1.35	0.035	0.04	0.15~0.30	0.30	0.12	0.40	0.40	0.08	0.02	485~655	250	30	30		AVE:20; MIN:16
A351 CF8M	0.08	1.50	0.04	0.04	1.50	18.0~21.0	2.0~3.00	9.0~12.0				485	205	30			
A352 LCC	0.25	1.20	0.04	0.045	0.60	0.50	0.20	0.50		0.03		485~655	275	22	35		AVE:20; MIN:16

## PRESSURE/TEMPERATURE CURVE (SEAT MATERIAL)



This graph is to be used as a guide only.  
For special materials consult Canawest engineering department.