

Table V

Computed Parameters for Four Isentropes - 19.8% Alloy

Pressure	Isentrope A			B			C			D		
	Temp (°K)	Volume (cc/gm)	Sound Speed (mm/ μ sec)	Temp (°K)	Volume (cc/gm)	Sound Speed (mm/ μ sec)	Temp. (°K)	Volume (cc/gm)	Sound Speed (mm/ μ sec)	Temp (°K)	Volume (cc/gm)	Sound Speed (mm/ μ sec)
1.4	461	.1008	8.22	2586	.1026	8.16	6282	.1061	8.03	8444	.1035	7.96
1.6	475	.0979	8.47	2667	.0996	8.41	6497	.1029	8.28	8750	.1049	8.21
1.8	488	.0954	8.71	2741	.0970	8.64	6695	.0999	8.52	9038	.1018	8.44
2.0	499	.0932	8.94	2809	.0946	8.86	6880	.0973	8.74	9302	.0991	8.67
2.2	511	.0911	9.16	2873	.0924	9.08	7050	.0949	8.96	9538	.0964	8.88
2.4	520	.0892	9.36	2933	.0904	9.29	7207	.0928	9.16	9766	.0944	9.09
2.6	530	.0875	9.56	2987	.0886	9.49	7354	.0908	9.36	9872	.0933	9.18
2.8	539	.0859	9.75	3039	.0869	9.68	7493	.0890	9.55	10174	.0904	9.48
3.0	547	.0844	9.94	3088	.0854	9.87	7623	.0874	9.74	10358	.0886	9.66
3.2	555	.0829	10.13	3135	.0839	10.05	7746	.0858	9.92	10534	.0870	9.84
3.4	562	.0817	10.31	3179	.0826	10.23	7863	.0844	10.09	10700	.0855	10.02
3.6	569	.0805	10.48	3222	.0813	10.40	7973	.0830	10.26	10857	.0841	10.18