

TABLE I CONTINUED

GAS NO. 3,	.634 M/F	P ATM.	DENSITY, G-MOLES/L	k x 10 ⁴ , CAL/CM SEC °C
3- 1		1.	3.54E-02	.550
3- 2		25.	9.13E-01	.581
3- 3		50.	1.89E-00	.621
3- 4		60.	2.31E-00	.639
3- 5		70.	2.74E-00	.659
3- 6		80.	3.18E-00	.681
3- 7		90.	3.64E-00	.705
3- 8		100.	4.11E-00	.730
3- 9		125.	5.31E-00	.800
3-10		150.	6.52E-00	.880
3-11		175.	7.70E-00	.964
3-12		200.	8.82E-00	1.05
3-13		250.	1.08E+01	1.21
3-14		300.	1.25E+01	1.36
3-15		400.	1.50E+01	1.59
3-16		500.	1.67E+01	1.82
3-17		750.	1.85E+01	2.26
3-18		1000.	1.92E+01	2.64
3-19		1500.	2.00E+01	3.26
3-20		2000.	2.05E+01	3.78
3-21		3000.	2.12E+01	4.64

S = .339, 1 ≤ P ≤ 637; S = .214, 497 ≤ P ≤ 3000

GAS NO. 4,	.762 M/F	P ATM.	DENSITY, G-MOLES/L	k x 10 ⁴ , CAL/CM SEC °C
4- 1		1.	3.52E-02	.531
4- 2		25.	9.23E-01	.570
4- 3		50.	1.95E-00	.616
4- 4		60.	2.40E-00	.637
4- 5		70.	2.86E-00	.661
4- 6		80.	3.36E-00	.687
4- 7		90.	3.88E-00	.715
4- 8		100.	4.42E-00	.747
4- 9		125.	5.85E-00	.840
4-10		150.	7.32E-00	.949
4-11		175.	8.73E-00	1.06
4-12		200.	1.00E+01	1.17
4-13		250.	1.21E+01	1.36
4-14		300.	1.38E+01	1.53
4-15		400.	1.63E+01	1.81
4-16		500.	1.78E+01	2.04
4-17		750.	2.01E+01	2.51
4-18		1000.	2.14E+01	2.90
4-19		1500.	2.30E+01	3.54
4-20		2000.	2.40E+01	4.06
4-21		3000.	2.55E+01	4.93

S = .243, 1 ≤ P ≤ 627; S = .230, 498 ≤ P ≤ 3000