

TABLE I CONTINUED

GAS NO.	P, ATM.	DENSITY, G-MOLES/L	k X 10 ⁴ ,	
			M/F NITROGEN,	M/F ETHANE (ARGON CAL.)
11- 1	1.	3.49E-02	.598	.674
11- 2	25.	8.98E-01		.711
11- 3	50.	1.84E-00		.752
11- 4	60.	2.23E-00		.770
11- 5	70.	2.62E-00		.789
11- 6	80.	3.01E-00		.809
11- 7	90.	3.41E-00		.830
11- 8	100.	3.80E-00		.852
11- 9	125.	4.79E-00		.911
11-10	150.	5.75E-00		.974
11-11	175.	6.67E-00		1.04
11-12	200.	7.54E-00		1.10
11-13	250.	9.06E-00		1.21
11-14	300.	1.03E+01		1.32
11-15	400.	1.23E+01		1.51
11-16	500.	1.37E+01		1.68
11-17	750.	*		2.04
11-18	1000.	*		2.37

S = .202, 1 ≤ P ≤ 493; S = .338, 379 ≤ P ≤ 3000

GAS NO.	P, ATM.	DENSITY, G-MOLES/L	k X 10 ⁴ ,	
			M/F NITROGEN,	M/F ETHANE (ARGON CAL.)
12- 1	1.	3.49E-02	.787	.695
12- 2	25.	8.89E-01		.730
12- 3	50.	1.80E-00		.763
12- 4	60.	2.16E-00		.775
12- 5	70.	2.53E-00		.789
12- 6	80.	2.90E-00		.802
12- 7	90.	3.26E-00		.817
12- 8	100.	3.63E-00		.832
12- 9	125.	4.52E-00		.871
12-10	150.	5.39E-00		.912
12-11	175.	6.22E-00		.954
12-12	200.	7.01E-00		.996
12-13	250.	8.46E-00		1.08
12-14	300.	9.73E-00		1.16
12-15	400.	1.18E+01		1.33
12-16	500.	1.34E+01		1.48
12-17	750.	*		1.85
12-18	1000.	*		2.18

S = .181, 1 ≤ P ≤ 491; S = .174, 378 ≤ P ≤ 3000