

## ПРИЛОЖЕНИЕ 2 (из работы Ivanova et al. (2021))

Таблица П1. Составы расплава CAI 3N-1 после испарени (мас.%) (T = 2300 K).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	FeO	TiO <sub>2</sub>	SiO <sub>2</sub>
1	100.00	26.78	14.64	22.73	0.88	1.03	33.94
2	98.02	27.04	14.36	22.94	0.77	1.03	33.85
3	97.03	27.32	14.07	23.18	0.66	1.04	33.73
4	95.20	27.83	13.51	23.62	0.48	1.06	33.50
5	93.06	28.47	12.82	24.17	0.32	1.08	33.15
6	90.98	29.11	12.12	24.71	0.20	1.10	32.76
7	88.30	29.98	11.18	25.45	0.10	1.13	32.15
8	85.70	30.88	10.23	26.21	0.05	1.16	31.48
9	83.20	31.80	9.28	26.99	0.02	1.19	30.72
10	80.78	32.74	8.35	27.79	0.00	1.23	29.89
11	78.43	33.70	7.41	28.61		1.26	29.02
12	76.04	34.74	6.42	29.50		1.29	28.05
13	73.63	35.87	5.39	30.46		1.33	26.96
14	71.35	37.00	4.39	31.42		1.37	25.83
15	69.07	38.19	3.36	32.45		1.41	24.60
16	66.87	39.42	2.34	33.50		1.45	23.29
17	64.81	40.65	1.40	34.54		1.49	21.93
18	63.06	41.74	0.62	35.50		1.52	20.62
19	61.52	42.75	0.07	36.37		1.56	19.26
20	60.82	43.20	0.00	36.78		1.57	18.45
21	59.71	43.92		37.46		1.60	17.03
22	58.09	44.85		38.49		1.63	15.02
23	55.81	45.79		40.03		1.69	12.49
24	52.73	46.28		42.33		1.78	9.62
25	49.91	46.11		44.68		1.86	7.35
26	46.82	45.52		47.57		1.97	4.94
27	44.84	44.88		49.63		2.04	3.45
28	42.88	44.04		51.86		2.11	1.99
29	40.57	42.61		54.74		2.19	0.46
30	38.96	40.80		56.96		2.24	0.00
31	36.62	37.20		60.50		2.31	
32	34.66	33.84		63.82		2.35	
33	32.12	29.05		68.65		2.30	
34	30.64	26.43		71.59		1.98	
35	29.38	24.33		74.11		1.56	
36	27.84	21.89		77.13		0.98	
37	26.18	19.42		80.15		0.43	
38	24.62	17.27		82.60		0.13	
39	22.79	14.94		85.06		0.00	
40	20.00	11.62		88.38			

Таблица П2. Составы расплава САІ 3N-6 после испарени (мас.%) (T = 2300 K).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	FeO	TiO <sub>2</sub>	SiO <sub>2</sub>
1	100.00	24.81	13.95	38.02	0.16	1.49	21.57
2	97.68	25.01	13.53	38.34	0.13	1.51	21.48
3	96.06	25.42	12.71	38.98	0.10	1.53	21.26
4	93.22	26.19	11.27	40.14	0.04	1.57	20.78
5	90.44	26.98	9.91	41.36	0.02	1.61	20.12
6	88.14	27.68	8.83	42.42	0.01	1.65	19.41
7	84.54	28.83	7.15	44.20	0.00	1.70	18.11
8	81.20	29.99	5.62	45.99		1.76	16.63
9	77.90	31.24	4.10	47.91		1.82	14.92
10	74.99	32.43	2.74	49.74		1.88	13.20
11	72.53	33.51	1.59	51.40		1.93	11.58
12	70.57	34.40	0.71	52.81		1.97	10.10
13	69.01	35.16	0.14	53.98		2.00	8.71
14	68.07	35.61	0.00	54.72		2.02	7.65
15	67.01	36.12		55.56		2.04	6.28
16	65.06	36.95		57.21		2.08	3.77
17	62.94	37.32		59.10		2.12	1.46
18	61.42	36.92		60.53		2.15	0.40
19	60.28	36.14		61.64		2.16	0.05
20	59.28	35.18		62.65		2.17	0.00
21	58.36	34.22		63.60		2.17	
22	56.66	32.41		65.42		2.17	
23	55.12	30.73		67.15		2.12	
24	53.62	29.12		68.87		2.01	
25	51.60	26.96		71.25		1.79	
26	49.68	25.02		73.50		1.48	
27	47.81	23.21		75.67		1.12	
28	46.05	21.60		77.60		0.80	
29	44.14	19.93		79.59		0.48	
30	42.11	18.23		81.52		0.24	
31	40.14	16.70		83.19		0.10	
32	38.12	15.24		84.73		0.03	
33	35.83	13.68		86.31		0.01	
34	34.29	12.74		87.26		0.00	
35	31.29	10.92		89.08			
36	28.15	9.22		90.78			
37	24.31	7.30		92.70			
38	20.00	5.36		94.64			

Таблица ПЗ. Составы расплава CAI 3N-7 после испарени (мас.%) (T = 2300 K).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	FeO	TiO <sub>2</sub>	SiO <sub>2</sub>
1	100.00	23.18	11.61	30.66	0.33	1.02	33.19
2	97.81	23.45	11.54	31.03	0.28	1.03	32.66
3	95.76	23.95	11.39	31.68	0.21	1.05	31.71
4	92.98	24.65	11.13	32.62	0.13	1.08	30.38
5	89.98	25.47	10.73	33.70	0.08	1.11	28.91
6	87.31	26.24	10.26	34.72	0.04	1.14	27.60
7	84.94	26.96	9.74	35.68	0.02	1.16	26.44
8	82.51	27.75	9.11	36.72	0.01	1.19	25.22
9	78.62	29.11	7.92	38.51	0.00	1.24	23.22
10	75.02	30.48	6.57	40.34		1.29	21.31
11	72.36	31.59	5.44	41.81		1.33	19.83
12	70.00	32.63	4.36	43.21		1.37	18.43
13	67.40	33.87	3.11	44.85		1.41	16.75
14	64.66	35.28	1.72	46.73		1.46	14.81
15	62.02	36.75	0.41	48.68		1.51	12.65
16	60.99	37.34	0.09	49.50		1.53	11.53
17	60.28	37.76	0.00	50.08		1.54	10.61
18	57.95	39.10		52.07		1.59	7.24
19	55.50	39.94		54.33		1.64	4.09
20	53.27	39.99		56.56		1.69	1.76
21	51.14	39.21		58.88		1.73	0.19
22	49.82	37.85		60.40		1.75	0.00
23	48.60	36.37		61.87		1.76	
24	47.26	34.65		63.57		1.77	
25	45.83	32.75		65.48		1.77	
26	44.40	30.81		67.46		1.74	
27	42.99	28.88		69.49		1.64	
28	41.48	26.87		71.67		1.46	
29	39.74	24.64		74.19		1.17	
30	37.60	22.02		77.24		0.74	
31	35.21	19.30		80.39		0.31	
32	32.99	17.03		82.89		0.08	
33	30.45	14.64		85.36		0.00	
34	27.52	12.19		87.81			
35	25.00	10.40		89.60			
36	22.06	8.49		91.51			
37	20.00	7.37		92.63			

Таблица П4. Составы расплава САІ 3N-12 после испарени (мас.%) (T = 2300 K).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	FeO	TiO <sub>2</sub>	SiO <sub>2</sub>
1	100.00	32.65	10.00	26.43	0.20	1.11	29.61
2	98.13	32.90	9.64	26.64	0.16	1.11	29.54
3	95.28	33.87	8.29	27.42	0.07	1.14	29.20
4	92.72	34.80	7.17	28.17	0.02	1.17	28.68
5	90.08	35.79	6.06	28.98	0.01	1.20	27.95
6	88.02	36.62	5.24	29.66	0.00	1.23	27.26
7	85.42	37.72	4.21	30.55		1.26	26.26
8	82.51	39.03	3.08	31.61		1.30	24.99
9	79.75	40.35	2.02	32.69		1.34	23.60
10	77.32	41.58	1.10	33.71		1.38	22.23
11	75.21	42.71	0.37	34.65		1.41	20.86
12	73.64	43.58	0.00	35.37		1.44	19.61
13	71.58	44.73		36.38		1.47	17.42
14	68.80	46.04		37.83		1.52	14.61
15	66.10	46.66		39.35		1.58	12.41
16	63.48	46.83		40.95		1.63	10.58
17	60.98	46.73		42.59		1.69	8.98
18	58.08	46.39		44.68		1.77	7.16
19	55.01	45.79		47.13		1.85	5.22
20	52.13	44.99		49.69		1.93	3.38
21	49.51	44.00		52.26		2.01	1.73
22	47.43	42.80		54.51		2.07	0.63
23	45.74	41.29		56.50		2.12	0.10
24	44.28	39.55		58.30		2.15	0.00
25	41.35	35.46		62.33		2.21	
26	39.00	31.83		65.95		2.23	
27	36.93	28.51		69.40		2.09	
28	34.39	24.55		73.87		1.58	
29	32.32	21.68		77.40		0.92	
30	30.44	19.29		80.30		0.41	
31	28.65	17.20		82.67		0.13	
32	26.94	15.35		84.62		0.03	
33	25.27	13.73		86.26		0.00	
34	23.65	12.29		87.71			
35	22.05	10.99		89.01			
36	20.68	9.96		90.04			
37	20.00	9.51		90.49			

Таблица П5. Составы расплава САІ 3N-20 после испарени (мас.%) (T = 2300 K).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	FeO	TiO <sub>2</sub>	SiO <sub>2</sub>
1	100.00	38.38	6.05	25.14	0.45	2.36	27.61
2	96.96	38.64	5.73	25.32	0.37	2.37	27.58
3	95.08	39.38	4.81	25.80	0.18	2.41	27.42
4	92.70	40.36	3.70	26.45	0.04	2.47	26.98
5	90.55	41.29	2.79	27.07	0.00	2.52	26.32
6	87.76	42.56	1.74	27.90		2.59	25.21
7	85.11	43.82	0.87	28.75		2.67	23.89
8	82.91	44.93	0.26	29.49		2.73	22.59
9	81.35	45.74	0.00	30.05		2.77	21.44
10	80.00	46.42		30.54		2.81	20.22
11	77.45	47.66		31.51		2.90	17.93
12	75.21	48.39		32.42		2.97	16.22
13	72.40	48.86		33.65		3.07	14.41
14	69.80	48.93		34.86		3.17	13.03
15	67.03	48.77		36.26		3.29	11.68
16	64.49	48.45		37.64		3.40	10.50
17	62.01	48.03		39.10		3.53	9.35
18	59.58	47.51		40.64		3.65	8.20
19	57.21	46.93		42.26		3.78	7.04
20	54.92	46.29		43.96		3.91	5.84
21	51.98	45.33		46.35		4.10	4.22
22	49.25	44.27		48.81		4.28	2.64
23	46.81	43.02		51.27		4.44	1.26
24	44.72	41.49		53.57		4.58	0.35
25	42.90	39.56		55.75		4.70	0.00
26	40.65	36.46		58.72		4.82	
27	38.76	33.65		61.46		4.89	
28	36.82	30.63		64.57		4.80	
29	34.63	27.27		68.51		4.22	
30	32.64	24.45		72.45		3.10	
31	30.00	20.83		77.91		1.26	
32	28.00	18.30		81.32		0.39	
33	26.00	15.90		84.06		0.04	
34	24.20	13.98		86.02		0.00	
35	22.46	12.30		87.70			
36	20.00	10.09		89.91			

Таблица Пб. Составы расплава составного CAI 3N - хозяина после испарени (мас.%) (T = 2300 K).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	FeO	TiO <sub>2</sub>	SiO <sub>2</sub>
1	100.00	23.47	14.71	25.19	1.83	1.59	33.21
2	97.50	23.69	14.59	25.43	1.66	1.60	33.04
3	95.00	24.30	14.23	26.08	1.20	1.63	32.55
4	92.50	24.95	13.78	26.78	0.84	1.68	31.98
5	90.00	25.63	13.25	27.52	0.54	1.71	31.35
6	87.49	26.35	12.62	28.29	0.33	1.76	30.64
7	85.01	27.11	11.92	29.10	0.19	1.80	29.88
8	82.28	27.99	11.06	30.06	0.09	1.85	28.95
9	79.56	28.93	10.12	31.05	0.03	1.91	27.95
10	75.63	30.40	8.60	32.65	0.00	1.99	26.36
11	71.72	32.03	6.93	34.39		2.08	24.56
12	68.09	33.70	5.26	36.20		2.17	22.67
13	65.01	35.26	3.75	37.87		2.26	20.85
14	62.25	36.78	2.35	39.51		2.35	19.01
15	59.90	38.18	1.14	41.03		2.42	17.23
16	57.64	39.63	0.07	42.61		2.50	15.19
17	56.90	40.11	0.00	43.15		2.53	14.21
18	54.12	41.94		45.31		2.63	10.11
19	52.52	42.48		46.66		2.69	8.17
20	50.00	42.90		48.96		2.80	5.35
21	47.53	42.71		51.44		2.92	2.94
22	45.16	41.90		54.06		3.02	1.02
23	43.14	40.35		56.52		3.11	0.03
24	41.79	38.56		58.29		3.15	0.00
25	39.96	35.91		60.87		3.22	
26	38.93	34.34		62.43		3.22	
27	36.70	30.72		66.07		3.21	
28	34.85	27.75		69.35		2.90	
29	32.61	24.30		73.58		2.12	
30	30.56	21.42		77.42		1.15	
31	28.67	18.96		80.58		0.46	
32	26.88	16.80		83.09		0.12	
33	25.05	14.76		85.24		0.00	
34	23.28	12.98		87.02			
35	21.55	11.41		88.59			
36	20.00	10.16		89.84			

Таблица П7. Составы расплава АОА 52Е после испарени (мас.%) (Т = 2300 К).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	FeO	TiO <sub>2</sub>	SiO <sub>2</sub>
1	100.00	4.12	42.70	6.29	5.10	0.31	41.47
2	97.92	4.19	42.99	6.40	4.82	0.31	41.28
3	96.02	4.27	43.28	6.53	4.53	0.33	41.05
4	93.97	4.37	43.58	6.68	4.21	0.33	40.83
5	91.62	4.48	43.91	6.85	3.85	0.33	40.58
6	89.33	4.60	44.19	7.02	3.50	0.35	40.35
7	86.82	4.73	44.45	7.22	3.13	0.35	40.12
8	84.36	4.86	44.67	7.43	2.78	0.36	39.90
9	81.96	5.01	44.82	7.66	2.46	0.36	39.70
10	79.54	5.16	44.92	7.88	2.14	0.38	39.51
11	77.16	5.32	44.96	8.12	1.86	0.39	39.35
12	74.53	5.50	44.93	8.42	1.56	0.39	39.20
13	71.94	5.71	44.83	8.71	1.30	0.41	39.04
14	69.40	5.91	44.64	9.04	1.08	0.42	38.91
15	66.33	6.18	44.34	9.46	0.82	0.44	38.76
16	63.17	6.49	43.90	9.93	0.62	0.45	38.61
17	59.97	6.84	43.33	10.45	0.43	0.48	38.46
18	56.49	7.25	42.57	11.09	0.29	0.51	38.28
19	53.07	7.73	41.66	11.79	0.19	0.52	38.10
20	49.42	8.29	40.51	12.66	0.11	0.57	37.86
21	45.82	8.93	39.17	13.65	0.05	0.61	37.58
22	42.02	9.74	37.50	14.88	0.03	0.65	37.21
23	37.94	10.78	35.34	16.47	0.00	0.71	36.70
24	33.95	12.04	32.79	18.40		0.77	36.00
25	30.08	13.58	29.74	20.74		0.85	35.08
26	26.35	15.48	26.14	23.66		0.97	33.75
27	22.80	17.87	21.97	27.31		1.08	31.77
28	19.48	20.88	17.20	31.92		1.23	28.76
29	16.44	24.68	11.91	37.73		1.42	24.26
30	13.80	29.34	6.18	44.87		1.64	17.97
31	11.74	34.38	0.56	52.60		1.88	10.57
32	11.42	35.32	0.05	54.06		1.92	8.64
33	11.28	35.71	0.00	54.70		1.94	7.66
34	10.69	37.48		57.72		2.00	2.80
35	10.44	37.49		59.07		2.03	1.41
36	10.21	37.11		60.32		2.06	0.51
37	9.99	36.26		61.63		2.07	0.04
38	9.84	35.34		62.58		2.08	0.00
39	9.54	33.49		64.42		2.09	
40	8.31	24.49		73.53		1.97	
41	7.67	20.83		78.28		0.89	
42	7.10	17.87		81.94		0.19	
43	6.55	15.35		84.65		0.00	

Таблица П8. Составы расплава САІ 5аN после испарени (мас.%) (Т = 2173 К).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100.00	10.69	17.29	39.91	32.11
2	96.99	11.02	16.99	41.16	30.83
3	94.28	11.33	16.70	42.34	29.63
4	90.32	11.83	16.22	44.20	27.76
5	87.50	12.21	15.82	45.62	26.35
6	84.76	12.61	15.39	47.09	24.91
7	82.03	13.03	14.92	48.65	23.40
8	79.39	13.46	14.40	50.28	21.86
9	76.82	13.91	13.84	51.96	20.29
10	74.34	14.38	13.24	53.69	18.69
11	71.95	14.85	12.58	55.48	17.09
12	69.66	15.34	11.88	57.30	15.48
13	67.51	15.83	11.14	59.12	13.91
14	65.48	16.32	10.36	60.96	12.36
15	63.53	16.82	9.53	62.83	10.83
16	61.65	17.33	8.64	64.74	9.29
17	59.96	17.81	7.75	66.57	7.87
18	57.22	18.67	6.13	69.75	5.45
19	55.03	19.41	4.57	72.54	3.49
20	53.81	19.85	3.55	74.18	2.43
21	52.58	20.31	2.40	75.90	1.39
22	51.69	20.65	1.45	77.22	0.68
23	51.08	20.90	0.72	78.14	0.24
24	50.85	20.99	0.41	78.49	0.11
25	50.69	21.05	0.18	78.74	0.03
26	50.59	21.08	0.03	78.89	0.00
27	50.56	21.07	0.00	78.93	
28	50.50	21.02		78.98	
29	50.01	20.57		79.43	
30	48.81	19.46		80.54	
31	46.49	17.35		82.65	
32	43.56	14.87		85.13	
33	40.40	12.33		87.67	



Таблица П9. Составы расплава САІ 48Е после испарени (мас.%) (Т = 2173 К).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100.00	29.93	5.58	43.85	20.64
2	99.24	30.09	5.46	44.09	20.36
3	98.52	30.25	5.33	44.33	20.09
4	97.14	30.59	5.07	44.82	19.52
5	95.56	31.02	4.72	45.45	18.80
6	94.12	31.46	4.35	46.10	18.09
7	92.57	31.98	3.91	46.85	17.26
8	91.33	32.42	3.52	47.49	16.56
9	90.62	32.67	3.30	47.87	16.17
10	89.02	33.26	2.76	48.74	15.23
11	87.13	33.99	2.11	49.82	14.09
12	85.28	34.73	1.45	50.92	12.90
13	83.24	35.60	0.73	52.18	11.49
14	81.53	36.34	0.22	53.28	10.16
15	80.65	36.73	0.06	53.87	9.34
16	79.90	37.06	0.01	54.39	8.55
17	79.67	37.16	0.00	54.55	8.30
18	78.87	37.50		55.11	7.39
19	77.61	38.01		56.01	5.98
20	76.26	38.43		57.01	4.57
21	74.66	38.71		58.24	3.06
22	73.09	38.70		59.49	1.80
23	71.70	38.42		60.64	0.93
24	70.49	37.92		61.68	0.40
25	69.39	37.22		62.64	0.13
26	68.45	36.48		63.49	0.03
27	67.81	35.92		64.07	0.01
28	67.35	35.50		64.50	0.00
29	66.46	34.68		65.32	
30	65.42	33.70		66.30	
31	63.53	31.89		68.11	
32	61.10	29.57		70.43	
33	58.35	27.01		72.99	
34	55.83	24.70		75.30	
35	53.24	22.34		77.66	
36	50.99	20.28		79.72	
37	48.76	18.31		81.69	
38	47.25	17.06		82.94	
39	46.01	16.10		83.90	
40	44.00	14.56		85.44	

Таблица П10. Составы расплава САІ 54Е после испарени (мас.%) (Т = 2173 К).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100.00	17.30	14.83	52.09	15.79
2	99.70	17.32	14.78	52.16	15.74
3	99.39	17.34	14.73	52.22	15.70
4	96.71	17.56	14.29	52.87	15.28
5	94.30	17.78	13.82	53.57	14.82
6	92.14	18.03	13.34	54.30	14.33
7	89.56	18.38	12.65	55.36	13.61
8	87.31	18.76	11.93	56.49	12.81
9	84.64	19.29	10.92	58.11	11.67
10	82.27	19.84	9.91	59.78	10.46
11	80.76	20.22	9.23	60.90	9.64
12	78.43	20.82	8.14	62.74	8.30
13	76.33	21.41	7.09	64.49	7.02
14	74.05	22.07	5.86	66.50	5.57
15	72.13	22.66	4.73	68.30	4.32
16	69.88	23.39	3.27	70.52	2.82
17	67.83	24.10	1.80	72.66	1.44
18	66.29	24.65	0.57	74.35	0.43
19	65.62	24.87	0.02	75.10	0.01
20	65.59	24.87	0.00	75.12	0.00
21	65.56	24.86	0.00	75.14	
22	65.33	24.71		75.29	
23	64.76	24.34		75.66	
24	64.09	23.90		76.10	
25	63.29	23.36		76.64	
26	62.22	22.64		77.36	
27	60.99	21.79		78.21	
28	59.80	20.67		79.33	
29	58.68	19.90		80.10	
30	57.61	19.40		80.60	
31	56.54	18.65		81.35	
32	55.48	17.91		82.09	
33	54.42	17.18		82.82	
34	53.38	16.49		83.51	
35	52.30	15.78		84.22	
36	51.23	15.10		84.90	

Таблица П11. Составы расплава САI-B после испарения (мас.%) (Т = 2173 К).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100	24.84	11.37	19.26	44.53
2	97.17	25.56	11.43	19.82	43.19
3	94.51	26.28	11.42	20.37	41.93
4	92	27	11.35	20.93	40.72
5	89.63	27.71	11.21	21.48	39.6
6	87.37	28.43	10.99	22.04	38.54
7	85.23	29.14	10.7	22.6	37.56
8	83.19	29.85	10.34	23.14	36.67
9	81.03	30.65	9.86	23.77	35.73
10	79.06	31.41	9.33	24.35	34.9
11	77.16	32.18	8.76	24.95	34.11
12	75.04	33.09	8.04	25.66	33.2
13	72.99	34.02	7.29	26.37	32.31
14	71.02	34.96	6.51	27.12	31.42
15	68.81	36.08	5.58	27.99	30.36
16	66.68	37.23	4.63	28.87	29.26
17	64.67	38.38	3.71	29.77	28.13
18	62.79	39.52	2.83	30.67	26.98
19	61.06	40.64	1.99	31.54	25.82
20	59.49	41.7	1.25	32.36	24.68
21	58.11	42.68	0.64	33.13	23.54
22	56.96	43.53	0.19	33.8	22.47
23	56.13	44.15	0.01	34.31	21.54
24	55.65	44.52	0	34.6	20.88
25	54.83	45.12		35.11	19.77
26	53.88	45.78		35.74	18.49
27	53.13	46.21		36.24	17.55
28	52.11	46.69		36.95	16.36
29	50.51	47.2		38.12	14.68
30	48.74	47.44		39.49	13.07
31	46.98	47.43		40.98	11.59
32	44.93	47.22		42.85	9.92
33	42.96	46.85		44.81	8.34
34	40.97	46.34		46.99	6.67
35	39.02	45.72		49.33	4.96
36	37.2	45		51.74	3.26
37	35.54	44.14		54.15	1.71
38	34.12	43.03		56.4	0.58
39	32.96	41.55		58.38	0.07
40	32.16	40.16		59.83	0.01
41	31.47	38.87		61.13	0

42	30.06	36.04	63.96
43	29.8	35.48	64.52

Таблица П12. Составы расплава САІ4 после испарения (мас.%) (Т = 2173 К).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100.00	22.23	16.12	26.02	35.63
2	97.77	22.74	15.67	26.61	34.98
3	95.58	23.25	15.20	27.22	34.33
4	93.43	23.79	14.68	27.85	33.68
5	90.70	24.51	13.96	28.69	32.84
6	88.03	25.25	13.19	29.56	31.99
7	85.23	26.07	12.33	30.54	31.06
8	82.51	26.93	11.42	31.54	30.11
9	79.87	27.82	10.48	32.58	29.12
10	77.31	28.74	9.50	33.66	28.10
11	74.84	29.69	8.51	34.77	27.02
12	72.12	30.80	7.37	36.09	25.74
13	69.54	31.95	6.22	37.42	24.42
14	67.10	33.11	5.07	38.78	23.04
15	64.82	34.27	3.96	40.14	21.62
16	62.46	35.55	2.77	41.66	20.02
17	60.38	36.78	1.69	43.10	18.43
18	58.61	37.88	0.80	44.40	16.92
19	57.23	38.78	0.20	45.48	15.54
20	56.40	39.33	0.01	46.14	14.52
21	56.28	39.41	0.00	46.24	14.34
22	55.67	39.82		46.74	13.44
23	53.86	40.99		48.32	10.69
24	52.35	41.62		49.71	8.67
25	51.04	41.95		50.98	7.07
26	48.94	42.23		53.16	4.61
27	47.10	42.10		55.24	2.66
28	45.18	41.50		57.58	0.92
29	45.08	41.43		57.70	0.87
30	43.72	40.33		59.50	0.17
31	42.58	38.92		61.07	0.01
32	41.76	37.74		62.26	0.00
33	39.80	34.71		65.29	
34	38.19	32.02		67.98	
35	36.37	28.80		71.20	
36	34.38	25.25		74.75	
37	32.51	22.04		77.96	

Таблица П13. Составы расплава 5aN–A ( $\text{MgO/SiO}_2 - 0.3$ ,  $\text{CaO/Al}_2\text{O}_3 - 0.3$ ) после испарения (мас.%)  
( $T = 2173 \text{ K}$ ).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100.00	10.69	12.25	39.92	37.14
2	97.71	10.94	12.30	40.86	35.91
3	95.48	11.19	12.33	41.82	34.67
4	93.30	11.45	12.34	42.79	33.42
5	90.37	11.83	12.34	44.18	31.66
6	87.53	12.21	12.30	45.61	29.87
7	84.77	12.61	12.24	47.09	28.06
8	82.35	12.98	12.14	48.47	26.41
9	80.01	13.36	12.02	49.90	24.72
10	77.74	13.74	11.87	51.35	23.04
11	75.56	14.14	11.68	52.83	21.35
12	73.46	14.55	11.45	54.35	19.65
13	71.32	14.98	11.17	55.97	17.87
14	69.41	15.40	10.86	57.52	16.23
15	67.24	15.89	10.43	59.38	14.29
16	65.21	16.39	9.95	61.22	12.44
17	63.33	16.87	9.39	63.03	10.70
18	61.62	17.34	8.79	64.80	9.08
19	60.06	17.79	8.14	66.47	7.59
20	58.19	18.36	7.23	68.61	5.80
21	56.60	18.87	6.28	70.54	4.30
22	54.93	19.44	5.10	72.67	2.79
23	53.38	20.01	3.72	74.79	1.48
24	52.25	20.43	2.51	76.40	0.66
25	51.47	20.74	1.49	77.56	0.21
26	50.96	20.94	0.71	78.34	0.01
27	50.86	20.97	0.53	78.50	0.01
28	50.73	21.02	0.30	78.69	0.00
29	50.63	21.05	0.11	78.85	
30	50.57	21.05	0.01	78.93	
31	50.56	21.05	0.00	78.94	
32	50.54	21.04	0.00	78.96	
33	50.52	21.02		78.98	
34	50.38	20.89		79.11	
35	50.00	20.55		79.45	

Таблица П14. Составы расплава 5aN–В ( $\text{MgO/SiO}_2 - 0.5$ ,  $\text{CaO/Al}_2\text{O}_3 - 0.3$ ) после испарения (мас.%)  
( $T = 2173 \text{ K}$ ).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100.00	10.69	16.46	39.92	32.93
2	97.85	10.92	16.37	40.80	31.91
3	95.69	11.17	16.26	41.72	30.85
4	93.52	11.43	16.14	42.69	29.74
5	91.38	11.70	16.00	43.69	28.62
6	89.04	12.01	15.82	44.84	27.34
7	86.76	12.32	15.62	46.02	26.04
8	84.52	12.64	15.40	47.23	24.73
9	82.35	12.98	15.14	48.48	23.40
10	80.10	13.34	14.84	49.85	21.98
11	77.92	13.71	14.50	51.24	20.54
12	75.81	14.10	14.13	52.67	19.11
13	73.77	14.49	13.71	54.11	17.69
14	71.55	14.93	13.19	55.80	16.08
15	69.44	15.39	12.61	57.49	14.51
16	67.33	15.87	11.94	59.29	12.89
17	65.22	16.39	11.17	61.21	11.23
18	63.27	16.89	10.35	63.10	9.65
19	61.28	17.44	9.40	65.16	8.00
20	59.49	17.96	8.43	67.12	6.49
21	57.74	18.51	7.35	69.15	5.00
22	55.87	19.12	6.01	71.46	3.41
23	53.93	19.81	4.35	74.02	1.82
24	51.81	20.60	2.08	77.05	0.26
25	51.05	20.90	0.89	78.19	0.01
26	50.94	20.94	0.68	78.37	0.01
27	50.87	20.97	0.55	78.48	0.00
28	50.66	21.05	0.15	78.80	
29	50.60	21.05	0.06	78.89	
30	50.57	21.06	0.00	78.94	
31	50.55	21.04	0.00	78.96	
32	50.52	21.01		78.99	
33	50.41	20.92		79.08	
34	50.11	20.64		79.36	
35	49.81	20.37		79.63	

Таблица П15. Составы расплава 5aN–C ( $\text{MgO/SiO}_2 - 1.0$ ,  $\text{CaO/Al}_2\text{O}_3 - 0.3$ ) после испарения (мас.%)  
( $T = 2173 \text{ K}$ ).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100.00	10.69	24.69	39.92	24.70
2	98.12	10.90	24.18	40.68	24.23
3	96.26	11.11	23.67	41.47	23.76
4	94.37	11.32	23.12	42.30	23.25
5	92.51	11.55	22.58	43.15	22.72
6	90.27	11.84	21.90	44.22	22.04
7	88.06	12.14	21.20	45.33	21.33
8	85.98	12.43	20.53	46.42	20.62
9	83.94	12.73	19.84	47.56	19.87
10	81.94	13.04	19.14	48.72	19.10
11	79.98	13.37	18.43	49.91	18.29
12	77.98	13.71	17.68	51.18	17.43
13	76.04	14.05	16.92	52.50	16.52
14	74.15	14.41	16.16	53.84	15.59
15	72.27	14.79	15.37	55.23	14.61
16	70.46	15.16	14.57	56.65	13.61
17	68.41	15.62	13.63	58.36	12.40
18	66.45	16.08	12.68	60.07	11.17
19	64.30	16.62	11.57	62.08	9.73
20	62.30	17.15	10.47	64.07	8.31
21	60.22	17.74	9.22	66.28	6.76
22	58.39	18.29	8.02	68.37	5.32
23	56.41	18.94	6.56	70.76	3.74
24	54.18	19.71	4.65	73.68	1.95
25	52.39	20.37	2.76	76.18	0.68
26	51.29	20.80	1.29	77.82	0.08
27	50.93	20.95	0.66	78.38	0.01
28	50.69	21.03	0.22	78.75	0.00
29	50.64	21.05	0.13	78.82	
30	50.60	21.06	0.06	78.88	
31	50.56	21.05	0.01	78.94	
32	50.55	21.04	0.00	78.95	
33	50.53	21.04	0.00	78.96	
34	50.45	20.96		79.04	
35	50.15	20.68		79.32	
36	50.00	20.55		79.45	

Таблица П16. Составы расплавов 5aN-D ( $\text{MgO/SiO}_2 - 1.3$ ,  $\text{CaO/Al}_2\text{O}_3 - 0.3$ ) после испарения (мас.%)  
( $T = 2173 \text{ K}$ ).

N	q	CaO	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>
1	100.00	10.69	27.92	39.92	21.47
2	98.06	10.90	26.94	40.71	21.44
3	96.17	11.12	26.03	41.52	21.34
4	94.32	11.33	25.17	42.32	21.18
5	92.50	11.56	24.34	43.16	20.94
6	90.27	11.84	23.35	44.22	20.58
7	87.64	12.20	22.22	45.55	20.04
8	84.64	12.63	20.93	47.17	19.27
9	81.72	13.08	19.69	48.86	18.37
10	78.89	13.55	18.50	50.61	17.35
11	76.26	14.01	17.36	52.35	16.27
12	73.73	14.50	16.24	54.15	15.11
13	71.36	14.98	15.16	55.94	13.92
14	69.10	15.47	14.09	57.77	12.67
15	67.09	15.93	13.09	59.51	11.47
16	65.17	16.39	12.10	61.26	10.24
17	63.38	16.86	11.13	62.99	9.02
18	61.71	17.31	10.16	64.69	7.83
19	60.18	17.76	9.22	66.34	6.69
20	58.53	18.25	8.13	68.21	5.42
21	56.53	18.89	6.66	70.62	3.82
22	54.75	19.51	5.17	72.92	2.41
23	53.38	20.00	3.82	74.78	1.39
24	52.36	20.39	2.66	76.25	0.70
25	51.61	20.68	1.69	77.35	0.28
26	51.04	20.90	0.86	78.21	0.03
27	50.82	20.99	0.46	78.55	0.01
28	50.72	21.01	0.28	78.70	0.00
29	50.65	21.04	0.15	78.81	
30	50.58	21.05	0.04	78.91	
31	50.56	21.04	0.00	78.95	
32	50.54	21.04	0.00	78.96	
33	50.52	21.01		78.99	
34	50.28	20.79		79.21	
35	50.00	20.55		79.45	