

Теплоемкость неорганических соединений

№ п/п	Вещество	$C_{p,298}^0$, Дж/(моль·К)	Коэффициенты уравнения $C_p^0 = f(T)$			Темпера- турный интервал, К
			a	$b \cdot 10^3$	$c' \cdot 10^{-5}$	
1	2	3	4	5	6	7
1. Простые вещества						
1	Ag (к)	25,44	23,97	5,27	- 0,25	273–1234
2	Al (к)	24,35	20,67	12,38	–	273–932
3	As (к)	24,74	23,28	5,74	–	298–800
4	Au (к)	25,36	23,68	5,19	–	298–1336
5	B (к)	11,09	16,78	9,04	- 7,49	298–1700
6	Ba- α	28,28	22,26	13,81	–	298–643
7	Ba- β	–	10,46	29,29	–	643–983
8	Be (к)	16,44	19,16	8,87	- 4,77	298–1556
9	Bi (к)	26,02	18,79	22,59	–	298–544,5
10	Br ₂ (ж)	75,69	75,69	–	–	298–332
11	Br ₂ (г)	36,07	37,32	0,50	- 1,26	298–1600
12	C (алмаз)	6,11	9,12	13,22	- 6,19	298–1200
13	C (графит)	8,54	16,86	4,77	- 8,54	298–2500
14	Ca- α	26,36	22,22	13,93	–	273–713
15	Cd- α	25,94	22,22	12,30	–	273–594
16	Cl (г)	21,84	23,14	- 0,67	- 0,96	298–2000
17	Cl ₂ (г)	33,93	37,03	0,67	- 2,85	298–3000
18	Co- α	24,81	19,83	16,75	–	298–700
19	Cr (к)	23,35	24,43	9,87	- 3,68	298–2000
20	Cs (к)	31,38	31,38	–	–	273–301,8
21	Cu (к)	24,43	22,64	6,28	–	298–1357
22	D (г)	20,79	20,79	–	–	до 20 000 К
23	D ₂ (г)	29,20	28,58	0,88	1,96	298–1500
24	F ₂ (г)	31,30	34,56	2,51	- 3,51	298–2000
25	Fe- α	24,98	17,24	24,77	–	298–700

1	2	3	4	5	6	7
26	Ga (κ)	26,07	26,07	–	–	298–302,9
27	Ge (κ)	23,35	25,02	3,43	– 2,34	298–1210
28	H (Γ)	20,79	20,79	–	–	до 20 000 К
29	H ₂ (Γ)	28,83	27,28	3,26	0,50	298–3000
30	Hg (ж)	27,99	26,94	0,00	0,79	298–629,9
31	Hg (Γ)	20,79	20,79	–	–	до 4 000 К
32	I ₂ (κ)	54,44	40,12	49,79	–	298–385
33	I ₂ (Γ)	36,90	37,40	0,59	– 0,71	298–3000
34	In (κ)	26,74	20,25	21,59	–	298–430
35	K (κ)	29,58	5,61	81,17	–	298–335
36	Li (κ)	24,73	6,86	46,44	3,51	298–450
37	Mg (κ)	24,89	22,30	10,63	– 0,42	298–920
38	Mn-α	26,28	23,85	14,14	–1,59	298–980
39	Mo (κ)	24,06	21,67	6,95	–	298–2890
40	N ₂ (Γ)	29,12	27,88	4,27	–	298–2500
41	Na (κ)	28,24	16,82	37,82	–	298–371
42	Ni-α	26,07	16,99	29,46	–	298–633
43	O (Γ)	21,91	20,80	0,01	0,98	298–3000
44	O ₂ (Γ)	29,37	31,46	3,39	– 3,77	298–3000
45	O ₃ (Γ)	39,25	47,02	8,04	– 9,04	298–1500
46	P (бел.)	23,82	23,82	–	–	273–317
47	P (красн.)	21,39	16,95	14,89	–	298–870
48	P ₂ (Γ)	32,05	36,16	0,85	– 4,31	298–2000
49	Pb (κ)	26,82	24,23	8,71	–	298–601
50	Pt (κ)	25,86	24,02	5,61	–	298–2000
51	Rb (κ)	30,88	30,88	–	–	298–310
52	S (МОНОКЛ.)	23,64	23,64	–	–	368–392
53	S (ромб.)	22,68	22,68	–	–	273–368
54	S ₂ (Γ)	32,51	36,11	1,09	–3,51	298–2000
55	Sb (κ)	25,23	23,10	7,28	–	273–900
56	Se (κ)	25,36	18,95	23,01	–	273–490
57	Si (κ)	19,99	22,82	3,86	–3,54	298–1685
58	Sn (бел.)	26,99	21,59	18,10	–	298–505
59	Sr (κ)	26,36	22,22	13,89	–	298–830

1	2	3	4	5	6	7
60	Te (κ)	25,71	19,12	22,09	–	298–720
61	Th (κ)	27,32	23,56	12,72	–	298–1600
62	Ti-α	25,02	21,10	10,54	–	298–1155
63	Tl-α	26,32	22,01	14,48	–	273–500
64	U (κ)	27,66	16,19	30,63	2,05	298–940
65	W (κ)	24,27	22,91	4,69	–	298–2500
66	Zn (κ)	25,44	22,38	10,04	–	273–690
67	Zr-α	25,44	21,97	11,63	–	298–1135
2. Неорганические соединения						
68	AgBr (κ)	52,30	33,18	64,43	–	298–700
69	AgCl (κ)	50,79	62,26	4,18	– 11,30	298–725
70	AgI-α	54,43	24,35	100,83	–	289–420
71	AgNO ₃ -α	93,05	36,65	189,12	–	298–433
72	Ag ₂ O (κ)	65,86	55,48	29,46	–	298–500
73	Ag ₂ S-α	76,53	64,60	39,96	–	298–499
74	Ag ₂ SO ₄ (κ)	131,38	96,65	116,73	–	298–597
75	AlBr ₃ (κ)	100,50	49,95	169,58	–	298–370
76	AlCl ₃ (κ)	91,00	77,12	47,83	–	273–453
77	AlF ₃ -α	75,10	72,26	45,86	– 9,62	298–727
78	Al ₂ O ₃ (корунд)	79,04	114,55	12,89	– 34,31	298–1800
79	Al ₂ (SO ₄) ₃ (κ)	259,41	366,31	62,59	– 112,47	298–1100
80	AsCl ₃ (γ)	75,48	82,09	1,00	– 5,94	298–2000
81	As ₂ O ₃ (κ)	112,21	59,83	175,73	–	298–582
82	As ₂ O ₅ (κ)	116,52	–	–	–	–
83	BCl ₃ (γ)	62,63	70,54	11,97	–10,21	298–1000
84	BF ₃ (γ)	50,46	52,05	28,03	– 8,87	298–1000
85	B ₂ O ₃ (κ)	62,76	36,53	106,32	– 5,48	298–723
86	BaCO ₃ (κ)	85,35	86,90	48,95	–11,97	298–1040
87	BaCl ₂ (κ)	75,31	71,13	13,97	–	298–1195
88	Ba(NO ₃) ₂ (κ)	151,63	125,73	149,37	–16,78	298–868
89	BaO (κ)	46,99	53,30	4,35	–8,28	298–1270

1	2	3	4	5	6	7
90	Ba(OH) ₂ (к)	97,91	70,71	91,63	–	298–681
91	BaSO ₄ (к)	102,09	141,42	0,0	–35,27	298–1300
92	BeO (к)	25,56	35,35	16,74	–13,26	298–1175
93	BeSO ₄ (к)	85,69	71,78	99,69	–13,78	298–863
94	Bi ₂ O ₃ (к)	113,8	103,51	33,47	–	298–978
95	CO (г)	29,14	28,41	4,10	–0,46	298–2500
96	CO ₂ (г)	37,11	44,14	9,94	–8,54	298–2500
97	COCl ₂ (г)	57,76	57,76	67,15	12,03	298–1000
98	COS (г)	41,55	41,55	48,12	8,45	298–1800
99	CS ₂ (ж)	75,65	–	–	–	–
100	CS ₂ (г)	45,48	45,48	52,09	6,69	298–1800
101	CaC ₂ -α	62,72	62,72	68,62	11,88	298–720
102	CaCO ₃ (кальцит)	83,47	83,47	104,52	21,92	298–1200
103	CaCl ₂ (к)	72,59	72,59	71,88	12,72	298–1055
104	CaF ₂ -α	67,03	59,83	30,46	1,97	298–1000
105	CaHPO ₄ (к)	110,04	138,41	55,10	–40,38	298–1000
106	CaHPO ₄ ·2H ₂ O (к)	197,07	–	–	–	–
107	Ca(H ₂ PO ₄) ₂ ·H ₂ O (к)	258,82	–	–	–	–
108	Ca(NO ₃) ₂ (к)	149,33	122,88	153,97	–17,28	298–800
109	CaO (к)	42,05	49,62	4,52	–6,95	298–1800
110	Ca(OH) ₂ (к)	87,49	105,19	12,01	–19,00	298–600
111	CaS (к)	47,49	42,68	15,90	–	298–1000
112	CaSO ₄ (ангидрит)	99,66	70,21	98,74	–	298–1400
113	Ca ₃ (PO ₄) ₂ -α	227,82	201,84	166,02	–20,92	298–1373
114	CdCl ₂ (к)	73,22	61,25	40,17	–	298–841
115	CdO (к)	43,64	48,24	6,38	–4,90	298–1500
116	CdS (к)	47,32	53,97	3,77	–	298–1273
117	CdSO ₄ (к)	99,62	77,32	77,40	–	298–1273
118	ClO ₂ (г)	41,84	48,28	7,53	–7,74	298–1500
119	Cl ₂ O (г)	45,44	53,18	3,35	–7,78	298–2000
120	CoCl ₂ (к)	78,49	60,29	61,09	–	298–1000
121	CoSO ₄ (к)	103,22	–	–	–	–

1	2	3	4	5	6	7
122	CrCl ₃ (κ)	91,80	79,50	41,21	–	298–1218
123	CrO ₃ (κ)	69,33	82,55	21,67	–17,49	298–470
124	Cr ₂ O ₃ (κ)	104,52	119,37	9,20	–15,65	298–1800
125	CsCl (κ)	52,63	49,79	9,54	–	298–918
126	CsI (κ)	51,88	48,53	11,21	–	298–894
127	CuCl (κ)	48,53	38,27	34,38	–	298–703
128	CuCl ₂ (κ)	71,88	67,44	17,56	–	298–766
129	CuO (κ)	42,30	43,83	16,77	– 5,88	298–1359
130	CuS (κ)	47,82	44,35	11,05	–	298–1273
131	CuSO ₄ (κ)	98,87	78,53	71,96	–	298–900
132	Cu ₂ O (κ)	63,64	56,57	29,29	–	298–1500
133	Cu ₂ S (κ)	76,32	39,25	130,54	–	298–376
134	D ₂ O (ж)	84,31	–	–	–	–
135	D ₂ O (г)	34,27	–	–	–	–
136	FeCO ₃ (κ)	83,26	48,66	112,13	–	298–855
137	FeO (κ)	49,92	50,88	8,61	–3,31	298–1650
138	FeS-α	50,54	0,502	167,36	–	298–411
139	FeS-β	–	50,42	11,42	–	411–1468
140	FeSO ₄ (κ)	100,58	–	–	–	–
141	FeS ₂ (κ)	62,17	74,81	5,52	–12,76	298–1000
142	Fe ₂ O ₃ (κ)	103,76	97,74	72,13	–12,89	298–1000
143	Fe ₃ O ₄ (κ)	150,79	86,27	208,92	–	298–866
144	Ga ₂ O ₃ (κ)	92,05	112,88	15,44	–21,00	298–2068
145	GeO ₂ (гекс)	52,09	68,91	9,83	–17,70	298–1390
146	GeO ₂ (тетр)	50,17	66,61	11,59	–17,74	298–1300
147	HBr (г)	29,14	26,15	5,86	1,09	298–1600
148	HCN (г)	35,90	39,37	11,30	– 6,02	298–2500
149	HCl (г)	29,14	26,53	4,60	1,09 ($c \cdot 10^6$)	298–2000
150	HD (г)	29,20	29,25	–1,15	2,50	298–1500
151	HF (г)	29,14	26,90	3,48	1,09	298–2500
152	HI (г)	29,16	26,32	5,94	0,92	298–2000
153	HNCS (г)	46,40	26,48	76,99	–34,18	298–1000

1	2	3	4	5	6	7
154	HNO ₃ (ж)	109,80	–	–	–	–
155	HNO ₃ (г)	54,12	–	–	–	–
156	H ₂ O (к)	–	4,41	109,50	46,47 (с · 10 ⁶)	100–273
157	H ₂ O (ж)	75,30	39,02	76,64	11,96	273–380
158	H ₂ O (г)	33,61	30,00	10,71	0,33	298–2500
159	H ₂ O ₂ (ж)	89,33	53,60	117,15	–	298–450
160	H ₂ O ₂ (г)	42,39	52,30	11,88	– 11,88	298–1500
161	H ₂ S (г)	33,44	29,37	15,40	–	298–1800
162	H ₂ SO ₄ (ж)	138,91	156,90	28,30	– 23,46	298–553
163	H ₃ PO ₄ (к)	106,06	49,83	189,24	–	298–316
164	H ₃ PO ₄ (ж)	106,10	–	–	–	–
165	HgBr ₂ (к)	75,32	66,58	2,29	–	298–514
166	HgCl ₂ (к)	73,91	69,99	20,28	–1,89	298–550
167	HgI ₂ -α	78,24	72,84	16,74	–	273–403
168	HgO (красн.)	44,88	36,04	29,64	–	298–800
169	HgS (красн.)	48,41	43,84	15,27	–	298–800
170	Hg ₂ Cl ₂ (к)	101,70	92,47	30,96	–	273–798
171	Hg ₂ SO ₄ (к)	131,96	–	–	–	–
172	In ₂ O ₃ (к)	92,05	–	–	–	–
173	In ₂ (SO ₄) ₃ (к)	275,00	200,20	251,04	–	298–943
174	KAl(SO ₄) ₂ (к)	193,00	234,10	82,34	– 58,41	298–1000
175	KBr (к)	52,30	48,37	13,89	–	298–543
176	KCl (к)	51,49	41,38	21,76	3,22	298–1000
177	KClO ₃ (к)	100,25	–	–	–	–
178	KClO ₄ (к)	112,40	–	–	–	–
179	KI (к)	53,00	38,84	28,92	4,93	298–955
180	KMnO ₄ (к)	117,57	–	–	–	–
181	KNO ₃ -α	96,29	60,88	118.,83	–	273–401
182	KOH (к)	65,60	42,66	76,96	–	298–522
183	K ₂ CO ₃ (к)	114,44	80,29	109,04	–	630–1171
184	K ₂ CrO ₄ (к)	146,00	123,72	74,89	–	298–939

1	2	3	4	5	6	7
185	K ₂ Cr ₂ O ₇ (κ)	219,70	153,38	229,29	–	298–671
186	K ₂ SO ₄ (κ)	130,01	120,37	99,58	–17,82	298–856
187	LaCl ₃ (κ)	103,60	97,19	21,46	–	298–1128
188	LiCl (κ)	48,39	41,42	23,40	–	298–883
189	LiNO ₃ (κ)	83,26	38,37	150,62	–	273–523
190	LiOH (κ)	49,58	50,71	34,48	9,50	298–744
191	Li ₂ CO ₃ (κ)	96,20	42,53	177,34	–	298–623
192	Li ₂ SO ₄ (κ)	117,60	118,95	93,34	–27,20	298–505
193	MgCO ₃ (κ)	76,11	77,91	57,74	–17,41	298–750
194	MgCl ₂ (κ)	71,25	79,08	5,94	–8,62	298–900
195	MgO (κ)	37,20	48,98	3,14	–11,44	298–3000
196	Mg(OH) ₂ (κ)	76,99	46,99	102,85	–	298–541
197	MgSO ₄	95,60	106,44	46,28	–21,90	298–1400
198	MgSO ₄ ·6H ₂ O (κ)	348,10	–	–	–	–
199	MnCO ₃ (κ)	81,50	92,01	38,91	–19,62	298–700
200	MnCl ₂ (κ)	72,97	75,48	13,22	–5,73	298–923
201	MnO (κ)	44,10	46,48	8,12	–3,68	298–1800
202	MnO ₂ (κ)	54,02	69,45	10,21	–16,23	298–523
203	MnS (κ)	49,92	47,70	7,53	–	298–1800
204	Mn ₂ O ₃ (κ)	107,50	–	–	–	–
205	Mn ₃ O ₄ (κ)	148,08	144,93	45,27	–9,20	298–1445
206	NH ₃ (ж)	80,75	–	–	–	–
207	NH ₃ (г)	35,16	29,80	25,48	–1,67	298–1800
208	NH ₄ Al(SO ₄) ₂ (κ)	226,40	–	–	–	–
209	NH ₄ Cl-β	84,10	–	–	–	–
210	NH ₄ NO ₃ (κ)	139,33	–	–	–	–
211	(NH ₄) ₂ SO ₄ (κ)	187,30	103,60	280,80	–	298–600
212	NO (г)	29,86	29,58	3,85	–0,59	298–2000
213	NOCl (г)	39,37	44,89	7,70	–6,95	298–1500
214	NO ₂ (г)	36,66	41,16	11,33	–7,02	298–1500
215	N ₂ O (г)	38,62	45,69	8,62	–8,53	298–2000
216	N ₂ O ₄ (г)	79,16	83,89	39,75	–14,90	298–1000

1	2	3	4	5	6	7
217	N ₂ O ₅ (г)	95,28	127,45	16,54	-32,85	298–2000
218	NaAlO ₂ (κ)	73,30	87,95	17,70	-17,74	298–1900
219	NaBr (κ)	51,90	47,92	13,31	–	–
220	NaC ₂ H ₃ O ₂ (κ)	80,33	–	–	–	–
221	NaCl (κ)	50,81	45,94	16,32	–	198–1070
222	NaF (κ)	46,86	43,51	16,23	-1,38	298–1265
223	NaHCO ₃ (κ)	87,70	44,89	143,89	–	298–500
224	NaI (κ)	52,50	48,88	12,05	–	298–933
225	NaNO ₃ -α	93,05	25,69	225,94	–	298–550
226	NaOH-α	59,66	7,34	125,00	13,38	298–566
227	NaOH (ж)	–	89,58	-5,86	–	595–1000
228	Na ₂ B ₄ O ₇ (κ)	186,80	206,10	77,09	-37,49	298–1000
229	Na ₂ CO ₃ -α	111,30	70,63	135,6	–	298–723
230	Na ₂ CO ₃ ·10H ₂ O	536	–	–	–	–
231	NaH ₂ PO ₄ (κ)	116,94	–	–	–	–
232	Na ₂ HPO ₄ (κ)	135,28	–	–	–	–
233	Na ₂ O (κ)	68,89	77,11	19,33	-12,59	298–1000
234	Na ₂ O ₂ (κ)	90,89	74,00	56,66	–	298–785
235	Na ₂ S (κ)	84,93	82,89	6,86	–	298–1250
236	Na ₂ SO ₃ (κ)	120,08	107,11	43,51	–	298–1000
237	Na ₂ SO ₄ -α	128,35	82,32	154,36	–	298–522
238	Na ₂ SO ₄ -β	–	145,05	54,60	–	522–980
239	Na ₂ SO ₄ -γ	–	142,68	59,31	–	980–1157
240	Na ₂ SO ₄ ·10H ₂ O (κ)	547,46	–	–	–	–
241	Na ₂ SO ₄ (ж)	–	197,40	–	–	1157–2000
242	Na ₂ S ₂ O ₃ (κ)	145,98	–	–	–	–
243	Na ₂ SiO ₃ (κ)	111,81	130,39	40,17	-27,07	298–1362
244	Na ₂ SiO ₃ (ж)	–	177,32	–	–	1362–2000
245	Na ₂ SiO ₃ (стекл.)	179,20	179,20	–	–	298–2000
246	Na ₂ Si ₂ O ₅ -α	156,50	185,69	70,54	-44,64	298–951
247	Na ₂ Si ₂ O ₅ -β	–	292,88	–	–	951–1147
248	Na ₂ Si ₂ O ₅ (ж)	–	261,21	–	–	1147–2000

1	2	3	4	5	6	7
249	Na ₃ AlF ₆ -α	219,51	172,27	158,45	–	298–834
250	Na ₃ AlF ₆ -β	–	151,49	144,29	–	834–1279
251	Na ₃ AlF ₆ (ж)	–	396,22	–	–	1279–2500
252	Na ₃ PO ₄ (κ)	153,57	136,10	67,00	–	298–1600
253	Na ₄ SiO ₄ (κ)	184,72	162,59	74,22	–	298–1393
254	NiCl ₂ (κ)	71,67	73,27	13,23	– 4,98	298–1300
255	NiO-α	44,31	–20,88	157,23	16,28	298–525
256	NiS (κ)	47,11	38,70	26,78	–	273–597
257	NiSO ₄ (κ)	97,70	125,94	41,51	–	298–1200
258	PCl ₃ (ж)	131,38	131,38	–	–	298–340
259	PCl ₃ (Γ)	71,84	80,11	3,10	7,99	298–1000
260	PCl ₅ (κ)	(138)	(138)	–	–	298–432
261	PCl ₅ (κ)	112,97	129,49	2,93	–16,40	298–1500
262	P ₂ O ₃ (ж)	144,4	–	–	–	–
263	P ₂ O ₅ (Γ)	(41,8)	35,06	22,61	–	(298–500)
264	P ₄ O ₁₀ (κ)	211,71	93,30	407,19	–	298–630
265	P ₄ O ₁₀ (Γ)	190,79	–	–	–	–
266	PbBr ₂ (κ)	80,54	77,78	9,20	–	298–640
267	PbCO ₃ (κ)	87,45	51,84	119,66	–	298–800
268	PbCl ₂ (κ)	76,99	66,78	33,47	–	298–768
269	PbCl ₂ (ж)	–	104,18	–	–	768–1226
270	PbCl ₂ (Γ)	55,23	56,62	0,96	–	298–2000
271	PbI ₂ (κ)	81,17	75,31	19,66	–	298–680
272	PbO (желт.)	45,77	37,87	26,78	–	298–1000
273	PbO (красн.)	45,81	36,15	32,47	–	298–760
274	PbO ₂ (κ)	64,77	53,14	32,64	–	298–1000
275	Pb ₃ O ₄ (κ)	146,86	177,49	34,39	–29,29	298–1500
276	PbS (κ)	49,48	46,74	9,20	–	298–1392
277	PbS (Γ)	35,10	37,32	–2,05	–	1609–2400
278	PbSO ₄ (κ)	103,22	45,86	129,70	17,57	298–1100
279	PtCl ₂ (κ)	(75,52)	67,78	25,98	–	298–854
280	PtCl ₄ (κ)	(150,86)	112,21	129,70	–	298–600

1	2	3	4	5	6	7
281	RaCl ₂ (к)	(80,25)	77,04	10,9	–	298–1000
282	RaO (к)	(46,5)	44,0	8,4	–	298–1000
283	SO ₂ (г)	39,87	46,19	7,87	– 7,70	298–2000
284	SO ₂ Cl ₂ (ж)	133,89	133,89	–	–	219–342
285	SO ₂ Cl ₂ (г)	77,40	87,91	16,15	–14,23	298–1000
286	SO ₃ (г)	50,09	64,98	11,75	–16,37	298–1300
287	SO ₃ (г)	–	91,28	–3,84	–119,61	1000–2000
288	SbCl ₃ (к)	110,46	43,10	213,80	–	273–346
289	SbCl ₃ (г)	77,40	83,05	0,00	– 4,98	298–1000
290	Sb ₂ O ₃ (к)	111,76	92,05	66,11	–	298–930
291	Sb ₂ O ₅ (к)	117,61	45,86	241,04	–	298–500
292	Sb ₄ O ₆ (к)	223,80	–	–	–	–
293	Sb ₂ S ₃ (черн.)	123,22	101,29	55,23	–	273–820
294	SiCl ₄ (ж)	145,27	145,27	–	–	298–330
295	SiCl ₄ (г)	90,37	101,46	6,86	–11,51	298–1000
296	SiF ₄ (г)	73,64	91,46	13,26	–19,66	298–1000
297	SiH ₄ (г)	42,89	46,26	36,76	–12,77	298–1500
298	SiO ₂ (кварц-α)	44,43	46,99	34,31	–11,30	298–846
299	SiO ₂ (кварц-β)	–	60,29	8,12	–	846–2000
300	SiO ₂ (тридимит-α)	44,60	13,68	103,76	–	298–390
301	SiO ₂ (тридимит-β)	–	57,07	11,05	–	390–2000
302	SiO ₂ (кристобалит-α)	44,18	17,91	88,12	–	298–515
303	SiO ₂ (кристобалит-β)	–	60,25	8,54	–	515–2000
304	SiO ₂ (стекл.)	44,35	56,02	15,41	–14,44	298–2000
305	SnCl ₂ (к)	75,58	50,63	83,68	–	298–520
306	SnCl ₂ (ж)	–	96,23	–	–	520–925
307	SnCl ₄ (ж)	165,27	165,27	–	–	298–388
308	SnCl ₄ (г)	98,32	106,98	0,84	– 7,82	298–1000
309	SnO (к)	44,35	39,96	14,64	–	198–1200
310	SnO (г)	31,76	35,23	1,34	–3,51	298–2000
311	SnO ₂ (к)	52,59	73,85	10,04	– 21,59	298–1500
312	SnS-α	49,25	35,69	31,30	3,77	298–875

1	2	3	4	5	6	7
313	SnS-β	–	40,96	15,65	–	875–1150
314	SrO (κ)	45,03	50,75	5,27	– 6,49	298–1800
315	SrSO ₄ (κ)	107,79	91,20	55,65	–	298–1600
316	TeCl ₄ (κ)	138,49	138,49	–	–	298–500
317	TeF ₆ (Γ)	117,32	152,08	3,10	–31,71	298–2000
318	TeO ₂ (κ)	63,88	65,19	14,56	– 5,02	298–1000
319	ThO ₂ (κ)	61,76	66,27	12,05	– 6,69	298–2000
320	ThS ₂ (κ)	74,67	71,80	9,62	–	298–2180
321	Th(SO ₄) ₂ (κ)	173,46	104,60	230,96	–	298–900
322	TiCl ₄ (ж)	145,20	142,79	8,71	– 0,16	298–410
323	TiCl ₄ (Γ)	95,45	107,18	0,47	–10,55	298–2000
324	TiO ₂ (рутил)	55,04	62,86	11,36	–9,96	298–2140
325	TiO ₂ (анатаз)	55,21	75,04	0,00	–17,63	298–2000
326	TlCl (κ)	52,70	50,21	8,37	–	298–700
327	TlCl (Γ)	36,23	37,40	0,00	– 1,05	298–2000
328	Tl ₂ O (κ)	68,54	56,07	41,84	–	298–850
329	UF ₄ (κ)	115,98	107,53	29,29	– 0,25	298–1309
330	UF ₄ (ж)	–	133,98	37,68	–	1309–1500
331	UF ₆ (κ)	167,49	52,72	384,93	–	273–337
332	UF ₆ (ж)	–	198,32	–	–	337–450
333	UF ₆ (Γ)	129,74	151,04	5,44	– 20,38	298–1000
334	UO ₂ (κ)	63,71	80,33	6,78	–16,57	298–1500
335	UO ₂ F ₂ (κ)	103,05	222,88	8,62	–19,92	298–1500
336	U ₃ O ₈ (κ)	237,24	282,42	36,94	– 49,96	298–900
337	WO ₃ (κ)	72,79	87,65	16,17	–17,50	298–1050
338	WS ₂ (κ)	63,55	68,63	15,61	– 8,66	298–1500
339	ZnCO ₃ (κ)	80,08	38,91	138,07	–	298–500
340	ZnCl ₂ (κ)	67,53	60,67	23,01	–	298–590
341	ZnCl ₂ (Γ)	56,90	60,25	0,84	–	1005–2000
342	ZnO (κ)	40,25	48,99	5,10	– 9,12	298–1600
343	ZnS (κ)	45,36	49,25	5,27	– 4,85	298–1290
344	ZnSO ₄ (κ)	99,06	76,36	76,15	–	298–1020

1	2	3	4	5	6	7
345	Zn(OH) ₂ (κ)	74,27	–	–	–	–
346	ZrCl ₄ (κ)	119,77	124,97	14,14	– 8,37	298–607
347	ZrCl ₄ (Γ)	98,32	107,46	0,29	– 8,26	607–2000
348	ZrO ₂ -α	56,05	69,62	7,53	– 4,06	298–1480