

Таблица II стандартных термодинамических величин.

Вещество	ΔH_{298}^0 kcal mol	S_{298}^0 cal mol · K	$C_p^o(298)$ cal mol · K	$C_p^o(T) = a + bT + cT^{-2}$ cal/mol · K		
				a	$b \cdot 10^3$	$c \cdot 10^{-5}$
BaCO ₃ (s)	-287.3	26.80	20.40	20.77	11.70	-2.86
BaO(s)	-133.0	16.80	11.29	12.74	1.04	-1.98
C(s)	0	1.37	2.04	4.10	1.02	-2.10
CO(g)	-26.41	47.18	6.97	6.79	0.98	-0.11
CO ₂ (g)	-94.05	51.06	8.87	10.55	2.16	-2.04
Cu(s)	0	7.96	5.86	5.41	1.50	-
CuO(s)	- 39,50	10.20	10.70	9.27	4.80	-
Cu ₂ O(s)	- 40.0	22.44	16.70	14.90	5.70	-
Ni(s)	0	7.14	6.20	4.06	7.04	-
NiO(s)	-57.30	9.10	10.58	-4.99	37.58	3.89
Fe(s)	0	6.49	6.03	4.60	5.02	-
FeO(s)	-63.20	14.05	12.20	12.62	1.49	- 0.76
Fe ₂ O ₃ (s)	-196.30	21.50	24.80	23.36	17.24	- 3.08
Fe ₃ O ₄ (s)	-266.90	36.20	34.27	39.92	18.86	-10.01
Cr (s)	0	5.68	5.58	5.84	2.36	-0.88
CrO ₃ (s)	-142.10	17.20	-	-	-	-
Cr ₂ O ₃ (s)	-273.0	19.78	25.0	28.53	2.20	- 3.74
Ag (s)	0	10.20	6.09	5.73	1.26	-0.06
Ag ₂ O(s)	-7.30	29.10	15.67	13.26	7.04	-
W (s)	0	7.80	5.93	5.74	0.76	-
WO ₂ (s)	-140.43	12.09	13.32	-	-	-
WO ₃ (s)	-200.93	19.50	19.04	-	-	-
Mo(s)	- 0	6.84	5.68	5.48	1.30	-
MoO ₂ (s)	-140.75	11.11	13.35	-	-	-
MoO ₃ (s)	-177.84	18.55	17.93	-	-	-
Ta (s)	0	9.92	6.04	-	-	-
Ta ₂ O ₅ (s)	-489.37	33.89	32.23	-	-	-
Ti (s)	0	7.33	5.98	5.28	2.40	-
TiO (s)	-129.40	8.31	9.53	-	-	-
Ti ₂ O ₃ (s)	-363.0	18.46	22.88	-	-	-
TiO ₂ (s)	-225.50	12.00	13.49	17.14	0.98	-3.05
Ti ₃ O ₅ (s)	-586.84	30.14	36.02	-	-	-
Al(s)	0	6.77	5.82	4.94	2.96	-
Al ₂ O ₃ (s)	-400.30	12.18	18.88	27.38	3.08	-8.20
Zr (s)	0	9.30	6.01	6.83	1.12	- 0.91
ZrO ₂ (s)	- 261.47	12.03	13.40	16.64	1.80	- 3.36
Nb (s)	0	8.74	5.87	-	-	-
NbO (s)	- 406.0	11.98	9.86	-	-	-
NbO ₂ (s)	- 795.40	13.01	13.72	-	-	-
Nb ₂ O ₅ (s)	- 1898.0	32.74	31.53	-	-	-