UCLx

UCe, UCe2 (g) (g) (II K) [84 GUR/DOR] 1984.

Gurvich L.V., Dorofeeva O.V.
Personal communication Inst-for
High Temperature, Moscow, 1984, cited by
Hildenbrand D.L., Gurvich L.V., Yungman V.S.
The chemical thermodinamics of actinide
elements and compounds, Part 13
The gaseous actinide ions, Vienna.
International Atomic Energy Agency, 1985, p 187

Ulq (g) Термодинамика

[84 GUR/DOR] II K. 1384

Gurvich, L.V., Dorofeeva O.V.
Personal communication, Inst. for High Temperature, Moscow, 1384, cited by Hildenbrand D.L., Gurvich, L.V., Yungman V.S. The chemical thermodynamics of actinide elements and compounds, Part 13. The gaseous actinide ions, Vienna.

International Atomic Energy Agency, 1385, p. 187

Ucs (g) S^{o}_{298} $C^{o}_{p\,298}$

[85HIL/GUR] IIK. 1984

Hildenbrand D.L., Gurvich L.V., Yungman V.S.

The chemical thermodynamics of actinide elements and compounds: Part 13. The gaseous actinide ions, Vienna, International Atomic Energy Agency, 1985, 187pp.

U_2Cl_{10} [84COR/KUB] 1984

(g)

$C_{p\,298}$

Cordfunke, E.H.P., Kubaschewski, O.
Thermochemical properties of
the system uranium-oxygen-chlorine.
Thermochim. Acta, 1984, 74, p. 235-45

1988

Hildenbrand D.L.

Pure and Appl. Chem.;

m.p.?

1988, 60, N3, 303-307.

UCl2

Acc. 29168

1988

Hildenbrand D. L.

m.p.?

Pure and Appl. Chem.,
1988, 60, N3, 303-307.

Hildenbrand D.L.

m.p.1.

Pure and Appl. Chem.,

1988, 60, N3, 303-307.

Ullly

оиэ. 29168

1988

Hildenbrand D.L.

Pure and Appl. Chem.,

m.ф.х.

1988, 60, N3, 303-

-307.

1988

Hildenbrand D. L.

Pure and Appl. Chem.,

m.p.?

1988, 60, N 3, 303–

– 307.

Ucl5 [om. 32761] 1989

Stølevik R.,

m.qp.2. Acta chem. Scand., 1989,

pacrem. 43, n 8, 758-762.

1991

Hildenbrand D.L., Lau K.H.
et al.

J. Chem. Phys. 1991. 94, N12,
pt.2, 8270-8275.

J

The entropies and probable symmetries of the gaseous thorium and uranium tet-

UCl(g) [92GRE/FUG] 1992

Grenthe I., Fuger J., et al.
Chemical Thermodynamics of Uranium.
Amsterdam et al., NEA, 1992, p. 61.

T.cp.2.

a	= 5,77709(+01)
b	= 2,74441(-02)
c/d	= 1,87524(-05)
e	= -7,22827(+05)
Tmin	= 298
Tmax	= 1000

$$C_p^\circ = a + bt + ct^2 + dT^{-1} + eT^{-2}$$

$UCl_2(g)$ [92GRE/FUG] 1992

Grenthe I., Fuger J., et al.
Chemical Thermodynamics of Uranium.
Amsterdam et al, NEA, 1992, p. 61.

T.cp.2

a	= 5,92289(+01)
b	= -3,16326(-03)
c/d	= 4,59862(-06)
e	= 1,08444(+05)
T_{min}	= 298
T_{max}	= 1000.

$$C_p^\circ(T) = a + bT + cT^2 + dT^{-1} + eT^{-2}$$

$UCl_3(g)$ [92GRE/FUG] 1992

Grenthe I.; Fuger J., et al.
Chemical Thermodynamics of Uranium.
Amsterdam et al., NEA, 1992, p. 61.

T.cp.2.

a	= 8,55239(+01)
b	= -6,61716(-03)
c/d	= 5,22328(-06)
e	= -1,43347(+05)
Tmin	= 298
Tmax	= 1000

$$C_p^\circ(T) = a + bT + cT^2 + dT^{-1} + eT^{-2}.$$

$UCl_4(g)$ [92GRE/FUG] 1992

Grenthe I., Fuger J., et al.
Chemical Thermodynamics of Uranium
Amsterdam et al., NEA, 1992, p.61

T-dp.2 a = 1,12217(+02)
b = 2,32451(-04)
c/d = 5168114(-07)
e = -4,16473(+05)
Tmin = 298
Tmax = 1000

$$C_p^\circ = a + bT + cT^2 + dT^{-1} + eT^{-2}$$

UUs(g) [92GRE/FUG] 1992

Grenthe I., Fuger J., et al.
Chemical Thermodynamics of Uranium.
Amsterdam et al., NEA, 1992, p. 61.

T-p. 2.

a	= 1,25195 (+02)
b	= 1,79496 (-02)
c/d	= -6,46755 (-06)
e	= -5,65216 (+05)
T_{min}	= 298
T_{max}	= 1000

$$C^\circ_p(T) = a + bT + cT^2 + dT^{-1} + eT^{-2}$$

$UCl_6(g)$ [92GRE/FUG] 1992

Grenthe I., Fuger J., et al.
Chemical Thermodynamics of Uranium.
Amsterdam et al., NEA, 1992, p. 61.

T.fp.2, a = 1,50313(+02)
b = 1,76431(-02)
c/d = -6,31723(-06)
e = -6,93772(+05)
Tmin = 298
Tmax = 1000

$$C_p^\circ(T) = a + bT + cT^2 + dT^{-1} + eT^{-2}$$

$UO_2Cl_2(g)$ [92GRE/FUG] 1992

Grenthe I., Fuger J., et al.
Chemical Thermodynamics of Uranium
Amsterdam et al.; NEA, 1992, p.61

T.6p.2.

a	= 9,45965(+01)
b	= 2,28872(-02)
c/d	= -1,09658(-05)
e	= -7,26861(+05)

T_{min} = 298
T_{max} = 1600

$$C_p^\circ(T) = a + bT + cT^2 + dT^{-1} + eT^{-2}$$