

$S_2 Cl_2$



1953

 S_2Cl_2 m-g. system
to 1000°K

Luft N.W. Tothunter
J. Chem Phys 21, 2225-26
Bright-pervue spectroscopy &
monochromator work

B92-7038-II

$$\lambda_{\text{see}} = 1,99 \text{ \AA} \quad \lambda_{\text{ss}} = 2,05 \text{ \AA} \quad \alpha_{\text{ss}} = 103^\circ$$

 $\text{III} (S_2Cl_2)$

1961

 S_2Cl_2 Lewis G., Randall M.,
Pitzer K., Brewer L.

T. p.

Thermodynamics, Ed. II

Increase $G_T - H_0/T$ and $T = 298, 15, 500, 1000, 1500, 2000^\circ K$ $H_{298} - H_0 \quad \Delta H_0$

$S_2 Cl_2$

1963
Mackle H., O'Hare P.A.G.

Trans. Far. Soc., 1963, 59, n2,
309.

н.г.
(св. $S_2 Cl_2$)

Периодич. св-ва шести
серусодержащих молекул.

X. 1944. 2

II ($H_2 S_2$)

S_2Cl_2 (gas) McBride B. 4 gp. 1963

Thermodynamic properties...
NASA SP-3001, Washington, 1963

$$M = 135.046; \sigma = 2; p_H = 1$$

$$U_0(di): 106, 206, 438, 448, 245, 537$$

$$I_A = 14,853 \cdot 10^{-39}$$

$$I_B = 59,852 \cdot 10^{-39}$$

$$I_C = 65,844 \cdot 10^{-39}$$

$$2f-Cl = 1.99$$

$$f-f = 2.05$$

$$L = 6040$$

	Cp	H-H	S
298,15	17,4169	3942,6	76,4866
3000	19,8424	56877,9	121,0132
6000.	19,8650	116450,3	134,7765

S_2Cl_2
203

1965
Wagman D.D. et al
NBS, Tech. Note 270-1, Oct 1965
Washington

Selected Values of Chemical Thermo-
dynamic Properties Part I

$$H_{298}^{\circ} - H^{\circ} = 4082 \text{ кал/моль}$$

$$S_{298}^{\circ} = 79,2 \text{ кал/моль град}$$

$$C_{298}^{\circ} = 17,6 \text{ кал/моль град}$$

S₂Cl₂

Frenzel C.A.,
Blick K.E.

1971

m.p.

J. Chem. Phys., 1971,
55, n 6, 2715.

(II)

● (Cu. S₂ B₄)^{III}

S_2Cl_2 (2)

Книга 2 Сентябрь 1974

Mills F.C.

298-1000 Thermodyn. Data for
n.g. cb-bc. Inorganic Sulphides, Se-
lenides and Tellurides. Part II.
London: Butterworths. 1974

50407.1282

Ch, TC, DB

31603

1975

 S_2Cl_2 T. p. * 4 - 8611

Frankiss S.G., Harrison D.J. Vapour state
Raman spectra and thermodynamic propertie-
es of sulphur dichloride and disulphur
dichloride.

(see S_2Cl_2 ; II)

"Spectrochim. acta", 1975, A31, N2, 161-167

(англ.)

0339 пик

308

311

ВИНИТИ

5202(2)

1978

JANAF

m.g.g.

March 31, 1978

0-1500

June 30, 1978.

S_2Cl_2 (2)

1984

Parkratz L. B.,

m. p.

298.15

1500 K.

U.S. Bureau of Mines,
Bull. 674, p. 553.

S₂Cl₂(2)

1985

JANAF

m. sp. III yg., 1985, C 834

pacem 1977

reperem 1977