

substance: V₂O₃

property: phase transition data of pure material

thermodynamic data at the phase transition

ΔH_{tr}	1.49(1) kJ mol ⁻¹	heat capacity anomaly at $T = 150\ldots 170\text{K}$	72K
	2.0 kJ mol ⁻¹		76K
	2.95 kJ mol ⁻¹		36A
ΔS_{tr}	9.0(1) J mol ⁻¹ K ⁻¹		72K
	13 J mol ⁻¹ K ⁻¹		76K
	20 J mol ⁻¹ K ⁻¹		36A
dE_{tr}/dp	$-4.1 \cdot 10^{-3}$ K bar ⁻¹		76K
	$-3.1 \cdot 10^{-3}$ Kbar ⁻¹		64M

References:

- 36A Anderson, C. T.: J. Am. Chem. Soc. 58 (1936) 564.
64M Minomura, S., Nagasaki, H.: J. Phys. Soc. Jpn. 19 (1964) 131.
72K Khlyustrov, V. G., Borukhovich, A. D., Perelyaev, V. A.: Fiz. Tverd. Tela 14 (1972) 2142.
76K Keer, H. V., Dickerson, D. L., Kuwamoto, H., Barros, H. L. C., Honig, J. M.: J. Solid State Chem. 19 (1976) 95.