

**property: crystal structure**

$$\begin{matrix} 62\text{P}, \\ 76\text{S} \end{matrix}$$

$a$	3.621 Å
$c$	6.526 Å

SC-M transition:  $T = 32$  K 94V  
M-SC transition:  $T = 242(1)$  K (cooling)  
M-SC transition:  $T = 260(1)$  K (heating)

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SC-M transition:  $T = 120$  K 94V  
M-SC transition:  $T = 237(1)$  K (cooling)  
M-SC transition:  $T = 245(1)$  K (heating)

$\rho$	383 $\mu\Omega\text{cm}$	$T = 237\text{ K}$
	395 $\mu\Omega\text{cm}$	$T = 245\text{ K}$

## References:

- 62P     Pebler, A., Wallace, W. E.: J. Phys. Chem. 66 (1962) 148.
- 76S     Singh, B., Surplice, N. A., Müller, J.: J. Phys. D: Appl. Phys. 9 (1976) 2087.
- 94V     Daou, J.N., Vajda, P.: Phys. Rev. B 50 (1994) 12635.
- 95V     Vajda, P.: "Hydrogen in rare-earth metals, including  $RH_{2+x}$  Phases" in: Handbook on the Physics and Chemistry of Rare Earth, Vol. 20, Gschneidner, K.A., Jr., Eyring, L. (eds.), Elsevier Science, 1995, p. 207.