

**substance: MnO**

**property: dielectric constants, refractive index**

$\varepsilon(0)$	22.5	RT	from IR reflectance	69P
	18.8	RT	from IR reflectance	69K
$\varepsilon(\infty)$	4.95	RT		69P
	4.47	RT	from $mn = 2.115$ in the near IR	69K
$\varepsilon_{\text{AF}}$	18.6	RT	AF: audio-frequency	69K
	16.5	$T = 4.2 \text{ K}$		69K

**refractive index, real and imaginary parts: Fig. 1.**

**References:**

- 69K     Kinney, T. B., O'Keefe, M.: Solid State Commun. 7 (1969) 977.
- 69P     Plendl, J. N., Mansur, L. C., Mitra, S. S., Chang, I. F.: Solid State Commun. 7 (1969) 107.
- 76K     Ksendzov, Y. M., Korobova, I. L., Sidorin, K. K., Startsev, G. P.: Fiz. Tverd. Tela 18 (1976) 173.

**Fig. 1.**

MnO. Real and imaginary parts of the complex refractive index vs. photon energy [76K].

