

**No. 20A-10 BiSeI, Bismuth selenide iodide** $(M = 414.84)$ 

1a	No ferroelectric transition was found between $-180\text{ }^{\circ}\text{C}$ and $100\text{ }^{\circ}\text{C}$ .	64Nit				
b	<table><tr><td>crystal system</td><td>orthorhombic</td></tr><tr><td>space group</td><td><math>\text{Pnam}-\text{D}_{2\text{h}}^{16}</math></td></tr></table>	crystal system	orthorhombic	space group	$\text{Pnam}-\text{D}_{2\text{h}}^{16}$	50Don
crystal system	orthorhombic					
space group	$\text{Pnam}-\text{D}_{2\text{h}}^{16}$					
	$\rho = 7.0(5) \cdot 10^3\text{ kg m}^{-3}$ , $\rho_{\text{X}} = 7.1(6) \cdot 10^3\text{ kg m}^{-3}$ . Color: black (needles).	50Don 60Nit				
2a	Synthesis and crystal growth: see	60Nit, 64Nit, 70Hor				
3a	Unit cell parameters: $a = 8.7(1)\text{ \AA}$ , $b = 10.5(4)\text{ \AA}$ , $c = 4.1(9)\text{ \AA}$ at RT.	50Don				
b	$Z = 4$ . All atoms are at 4c positions of $\text{Pnam}-\text{D}_{2\text{h}}^{16}$ .	50Don				
9a	Reflectivity: see Fig. 20A-7-047, Fig. 20A-7-049, Fig. 20A-7-050 in No. 20A-7.					
11	Photoconduction, energy band gap ( $E_{\text{G}} \approx 0.39\text{ eV}$ ). See also  Electronic band structure and charge density: see	60Nit 70Hor, 72Ber 82Fon				
12	Magnetic susceptibility: see Fig. 20A-1-004 in No. 20A-1 and Fig. 20A-7-075 in No. 20A-7.					