

Table I-6. Electric polarizability $k_\alpha(10^{-24} \text{ cm}^3/\text{atom or ion})$

$z=-4$	-3	-2	-1	0	1	2	3	4	5	6	7	Electron Configuration
			H	He	Li	Be	B	C	N			[He]
			10.17	0.203	0.029	0.0079	0.003	0.0013	0.0007			
C	N	O	F	Ne	Na	Mg	Al	Si	P	S	Cl	[Ne]
2140	28.8	3.92	1.05	0.394	0.181	0.094	0.054	0.033	0.021	0.014	0.01	
Si	P	S	Cl	Ar	K	Ca	Sc	Ti	V	Cr	Mn	[Ar]
377	41.6	10.3	3.69	1.64	0.84	0.472	0.29	0.19	0.12	0.087	0.063	
					Cu	Zn	Ga	Ge	As	Se	Br	[Ar]3d ¹⁰
					0.43	0.29	0.2	0.14	0.1	0.075	0.059	
Ge	As	Se	Br	Kr	Rb	Sr	Y	Zr	Nb	Mo		[Kr]
109	28.8	10.6	4.81	2.48	1.42	0.86	0.56	0.38	0.26	0.19		
					Ag	Cd	In	Sn	Sb	Te	I	[Kr]4d ¹⁰
					1.72	1.09	0.73	0.5	0.36	0.26	0.19	
Sn	Sb	Te	I	Xe	Cs	Ba	La	Ce				[Xe]
90.4	31.9	14.1	7.16	4.03	2.44	1.56	1.05	0.74				
					Au	Hg	Tl	Pb	Bi			[Xe]4f ¹⁴ 5d ¹⁰
					1.88	1.24	0.87	0.62	0.46			