

## EJ-200 GAMMA ATTENUATION COEFFICIENTS

Linear Attenuation Coefficients,  $\mu\text{-lin}$  ( $\text{cm}^{-1}$ )

Specific Gravity: 1.023

keV	Photoelectric	Compton	Pair Production	Total Less Coherent
1	2063.28	0.0161	0	2063.29
1.5	653.08	0.0319	0	653.12
2	281.68	0.0489	0	281.73
3	83.7022	0.0796	0	83.782
4	34.7676	0.1030	0	34.870
5	17.4191	0.1197	0	17.538
6	9.8443	0.1315	0	9.9764
7	6.0430	0.1396	0	6.1973
8	3.9597	0.1471	0	4.1068
9	2.7156	0.1523	0	2.8771
10	1.9379	0.1572	0	2.0952
15	0.5215	0.1725	0	0.6939
20	0.2032	0.1803	0	0.3835
25	0.0973	0.1829	0	0.2943
30	0.0533	0.1851	0	0.2383
40	0.0205	0.1840	0	0.2045
50	0.0097	0.1810	0	0.1908
60	0.0053	0.1773	0	0.1826
70	0.0032	0.1732	0	0.1767
80	0.0020	0.1696	0	0.1717
90	0.0014	0.1657	0	0.1672
100	$9.63 \times 10^{-4}$	0.1623	0	0.1633
150	$2.53 \times 10^{-4}$	0.1468	0	0.1471
200	$9.93 \times 10^{-5}$	0.1348	0	0.1349
300	$2.78 \times 10^{-5}$	0.1174	0	0.1174
400	$1.19 \times 10^{-5}$	0.1053	0	0.1053
500	$6.38 \times 10^{-6}$	0.0962	0	0.0962
511	$6.03 \times 10^{-6}$	0.0953	0	0.0953
600	$3.97 \times 10^{-6}$	0.0889	0	0.0890
660	$3.16 \times 10^{-6}$	0.0852	0	0.0852
700	$2.75 \times 10^{-6}$	0.830	0	0.0830
800	$2.00 \times 10^{-6}$	0.0781	0	0.0781
900	$1.56 \times 10^{-6}$	0.0739	0	0.0739
1000	$1.24 \times 10^{-6}$	0.0703	0	0.0703
1022	$1.15 \times 10^{-6}$	0.0696	0	0.0696
1250	$7.79 \times 10^{-7}$	0.0628	0	0.0629
1500	$5.66 \times 10^{-7}$	0.0571	$7.69 \times 10^{-5}$	0.0572



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