

REFERENCES

1. Singh, K. J., Singh, N., Kaundal, R. S. and Singh, K. 2008, “Gamma-ray shielding and structural properties of PbO-SiO₂ glasses”, **Nuclear Instruments and Methods in Physics Research B**, Vol. 266, pp. 944-948.
2. Mishra, R. K., Kumar, S., Tomar, B. S., Tyagi, A. K., Kaushik, C. P., Raj, K. and Manchanda, V. K., 2008, “Effect of barium on diffusion of sodium in borosilicate glass”, **Journal of Hazardous Material**, Vol.156, pp. 129-134
3. Tomar, B. S., Kumar, S., Shrikhande, V. K. and Kothiyal, G. P., 2005, “Study of cesium diffusion in borosilicate glass by heavy ion Rutherford backscattering spectrometry”, **Nuclear Instrument and Method in Physics Research B**, Vol. 227, pp. 391-396..
4. Kumar, S., Mishra, R. K., Tomar, B. S., Tyagi, A. K., Kaushik, C. P., Raj, K. and Manchanda, V. K., 2008, “Heavy ion Rutherford backscattering spectrometry (HIRBS) Study of barium diffusion in borosilicate glass”, **Nuclear Instrument and Method in Physics Research B**, Vol. 226, pp. 649-652.
5. <http://www.ricehuskash.com/application.htm>
6. Singh, N., Singh, K. J., Singh, K. and Singh, H., 2004, “Comparative study of lead borate and bismuth lead borate glass systems as gamma-radiation shielding materials”, **Nuclear Instruments and Methods in Physics Research B**, Vol. 225, pp. 305-309.
7. Singh, K., Singh, H., Sharma, V., Nathuram, R., Khanna, A., Kumar, R., Bhatti, S. S. and Sahota, H. S., 2002, “Gamma-ray attenuation coefficients in bismuth borate glasses”, **Nuclear Instruments and Methods in Physics Research B**, Vol. 194, pp. 1-6.
8. Kirdsiri, K., Kaewkhao, J., Pokaipisit, A., Chewpraditkul, W. and Limsuwan, P. 2009, “Gamma-rays shielding properties of xPbO : (100-x) B₂O₃ glasses system at 662 keV”, **Annals of Nuclear Energy**, Vol 36, pp. 1360-1365.
9. Singh, S., Kumar, A., Singh, D., Thin, K. S. and Mudahar, G. S., 2008, “Barium-borate-flyash glasses: As radiation shielding materials”, **Nuclear Instruments and Methods in Physics Research B**, Vol. 266, pp. 140-146.
10. Singh, N., Singh, K.J., Singh, K. and Singh, H., 2006, “Gamma-ray attenuation Studies of PbO-BaO-B₂O₃ Glass System”, **Radiation Measurement**, Vol.41, pp. 84-88.
11. Singh, N., Singh, K.J., Singh, K. and Singh, H., 2005, “Comparative Study of Lead Borate and Bismuth Lead Borate Glass system as Gamma-Radiation Shielding Materials”, **Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms**, Vol. 225, pp. 305-309.

12. Singh, K., Singh, H., Sharma, V., Nathuram, R., Khanna, A., Kumar, R., Bhatti, S.S., and Sahota, H.S., 2002, "Gamma-Ray Attenuation Coefficient in Bismuth Borate Glass", **Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms**, Vol. 194, pp. 1-6.
13. Singh, K. J, Singh, N., Sharma, Kuandual, R. S., and Singh, K., 2008, "Gamma-Ray Shielding and structural properties of PbO-SiO₂ glasses", **Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms**, Vol. 266, pp. 944-948.
14. Singh, H., Singh, K., Gerward, L., Singh, K., Sahota, H. S. and Nathuram, R., 2003, "ZnO-PbO-B₂O₃ glasses as gamma-ray shielding materials", **Nuclear Instruments and Methods in Physics Research B**, Vol. 207, pp. 257-262.
15. Kaewkhao, J., Laopaiboon, J. and Chewpraditkul, W., 2008, "Determination of effective atomic numbers and effective electron densities for Cu/Zn alloy", **Journal of Quantitative Spectroscopy & Radiative Transfer**, Vol. 109, pp. 1260-1265.
16. Gerward, L., Guilbert, N., Jensen, K. B. and Levring, H., 2004, "WinXCom-a program for calculating X-ray attenuation coefficients", **Radiation Physics and Chemistry**, Vol. 71, pp. 653-654.
17. Harper, C.A., 2001, **Handbook of ceramics, glasses, and diamonds.**, McGraw-Hill.
18. Varshneya, A.K., 1994, **Fundamentals of Inorganic Glasses.**, Academic Press.
19. Varshneya, A.K., 1993, "**Fundamentals of Inorganic Glasses**", Academic Press, San Diego, pp. 105-475
20. Trousfanidis, N., 1983, "**Measurement and Detection of Radiation**", Hemisphere Publishing, New York, pp. 141-151.