

Additive manufacturing of custom neutron shielding solutions

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Together with ColorFabb we developed a 3D printable shielding material based on PLA and hexagonal boron nitride, allowing to easily manufacture complex shielding geometries, even with hobby-grade 3D printers. While using the material we have seen considerable interest internally, as well as from external collaborators, and gained experience in designing and printing custom shielding solutions. Hence, we would like to share our experience in working with the material and discuss further developments.

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