

## **Studies of poly(ethylene naphthalate) for use as a structural scintillator in low background experiments**

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Poly(ethylene naphthalate), PEN, has been observed to scintillate in the blue wavelength region, without the need for additional materials.

Combined with measurements of a high intrinsic radiopurity, this has sparked interest in the material for use in low-background experiments.

This presentation will report on measurements of custom molded PEN tiles, covering a range of scintillation and structural properties.

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