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## **【54】 BrightLeaf™ perovskite QD films as X-ray scintillators**

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Perovskite quantum dots (PQDs) can improve applications from displays to scintillators because of their superior light-emitting properties compared to classical quantum dots. Standing in the way of these applications is the difficulty to process PQDs into devices, especially into the polymer thin films used in displays and scintillators, without losing their unique properties. BrightComSol presents BrightLeaf™, a flexible perovskite-based scintillator based on a new resin, BrightSplash™. Our resin allows for the efficient processing of PQD flexible films at low and high loading. We share recent highlights of using BrightLeaf™ for high-resolution X-ray imaging.

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