

Blended FDM (b-FDM): Multi-Material Gradient Printing

- Allows smooth mixing of multiple materials into one part (unlike regular FDM, which can only extrude one filament at a time)
- Works by first creating a special “digital material” filament from layers of different plastics, which then blend together inside the nozzle during printing
- Enables industrial use by creating parts with tailored properties for **robotics, wearables, and automotive components**

