

The background of the cover is a grayscale scanning electron microscope (SEM) micrograph showing the complex, porous microstructure of an additively manufactured Inconel 718 component. The image displays a network of interconnected, irregularly shaped structures with numerous small, circular pores, creating a highly textured and porous appearance. The lighting highlights the intricate details of the material's internal structure, with some areas appearing more solid and others more open and porous.

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Additively Manufactured Inconel 718:

Microstructures
and Mechanical properties

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