

Supplementary file

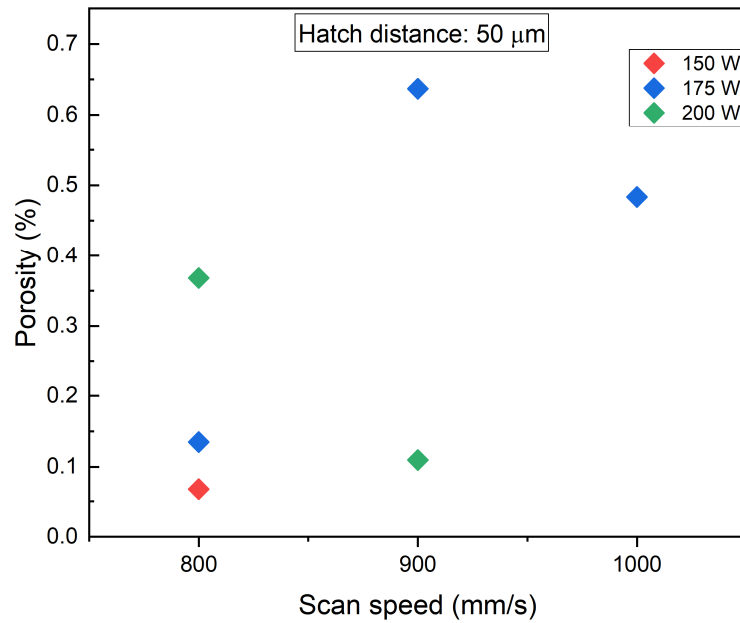


Figure S1: Porosity percentage plotted against Scan speed for various laser powers printed with a hatch distance of 50 μm and layer thickness of 30 μm for C2 alloy

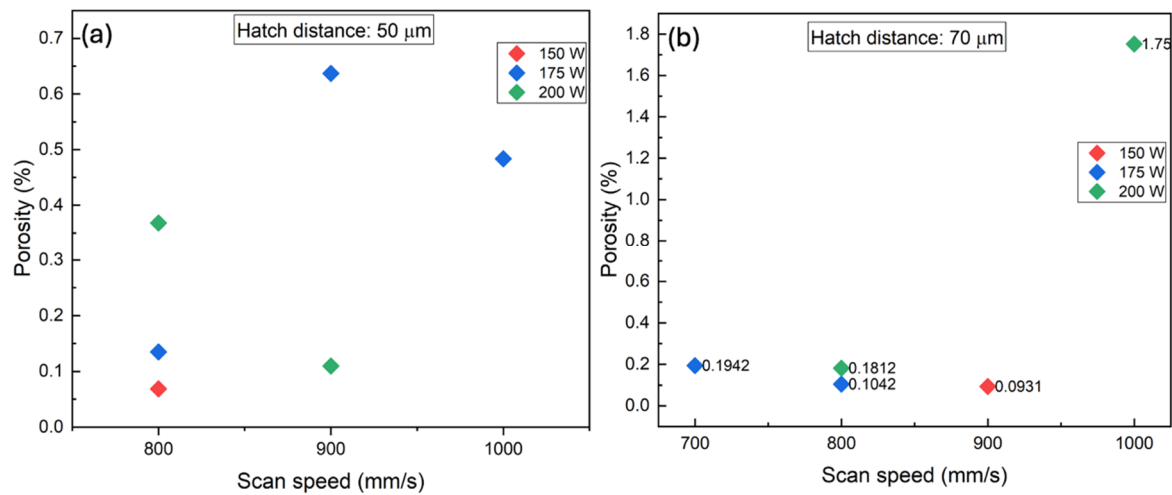


Figure S2: Porosity percentage plotted against Scan speed for various laser powers printed with a hatch distance of (a) 50 μm and (b) 70 μm and layer thickness of 30 μm for C1 alloy

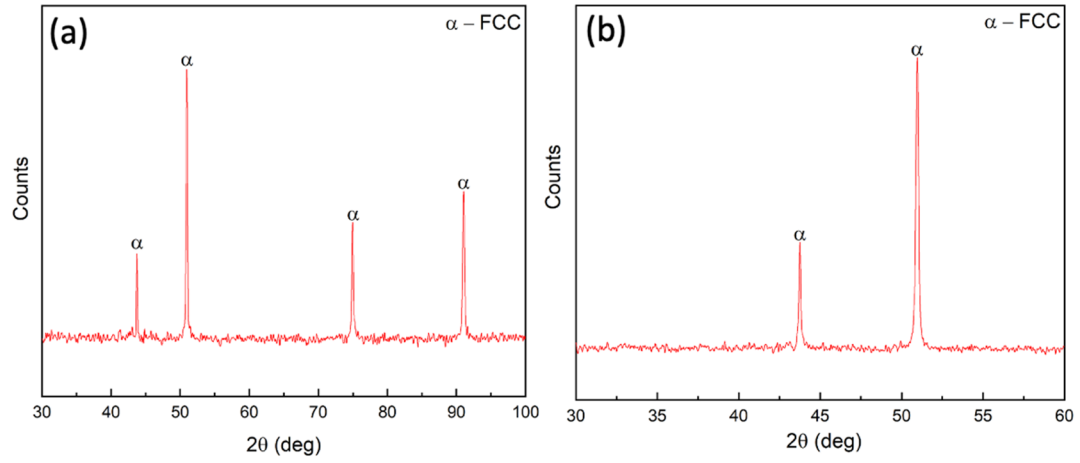


Figure S3 : XRD plot of C2 alloy after tensile testing at 900°C at a step size of (a) 0.0262° and (b) 0.0131°