Microstructural Design Of Toughened Ceramics

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The ceramic composite microstructure (Figs. 7c and 8) was constituted by a substructure made of small particles (< 10 μm) and dense zones of larger dimensions (largest dimension up to 40 μm). This microstructure was more open in zones close to the laser channels, which had very irregular boundaries (Figs. 7b and 8 b).

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