Table 1. Summary Table of density and fracture toughness.

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| ***Sintered discs*** | ***Density******(%)*** | ***Total*** ***porosity (%)*** | ***Fracture toughness (MPa m1/2)*** |
| ***800-50-5*** | 85,87 | 14,13 | 0,83 ±0,03 |
| ***850-50-5*** | 98,34 | 1,66 | 1,4 ±0,02 |
| ***900-50-5*** | 99,8 | 0,2 | 1,6 ±0,02 |
| ***950-50-5*** | 99,61 | 0,4 | 0,93 ±0,03 |