ABSTRACT

The present invention provides a microporous ceramic atomizing core and method for preparing same. The microporous atomizing core includes raw materials in parts by mass as follows: 10 to 50 parts by mass of main material, 0 to 40 parts by mass of ceramic powder, 10 to 50 parts by mass of sintering aid, 0 to 20 parts by mass of pore-forming agent, 20 to 50 parts by mass of paraffin, and 0.1 to 2.0 parts by mass of surfactant. The main material includes at least one of diatomite, silicon dioxide aerogel powder and porous boron nitride, and the main material has a particle size of 200 mesh- 1500 mesh. The microporous ceramic atomizing core of the present invention improves the porosity and liquid locking capacity of the atomizing core by the addition of the main material with micropores and a high specific surface area, ensures the sufficient atomization of the atomized liquid, and strengthens the use experience of the atomizing core.

<Figure 2>