

ABSTRACT

Disclosed in the present invention are a microporous ceramic atomization core and a preparation method therefor. The microporous atomization core comprises the following raw materials in parts by mass: 10-50 parts of a main material, 0-40 parts of a ceramic powder, 10-50 parts of a sintering aid, 0-20 parts of a pore-forming agent, 20-50 parts of paraffin, and 0.1-2.0 parts of a surfactant, wherein the main material comprises at least one of diatomite, a silica aerogel powder and porous boron nitride, and the main material has a particle size of 200-1500 meshes. The microporous ceramic atomization core of the present invention improves the porosity and liquid locking capacity of the atomization core by adding the main material having micropores and a high specific surface area, ensures the full atomization of an atomization liquid, and enhances the use experience of the atomization core.

<Figure 2>