

ABSTRACT

Water-repellent porous silica having uniform pores,
which comprises silica skeleton wherein fluorine atoms
are fixed through covalent bonds and which has an alkali
5 metal content of not more than 10 ppb, is synthesized.
By the water-repellent porous silica, a water-repellent
porous silica film having uniform pores, which is
applicable to a light functional material or an electron
functional material, a process for preparing the same and
10 uses thereof can be provided.



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