CLAIMS

1. An expanded graphite sheet characterized by having a flexibility of 25 times or greater, ~~and~~ an ash content of ~~500~~ 300 ppm or lower and the content of sulfur is 1000 ppm or higher, the flexibility being ~~determined by a flexibility test in which the flexibility is~~ defined as the number of times the expanded graphite sheet can be bent using ~~a flexibility testing device comprising~~ a rotator to which one end of a plate-shaped expanded graphite sheet is fixed, a weight fixed to the other end of the expanded graphite sheet, and a bending position determining member for determining a bending position of the expanded graphite sheet when the rotator is rotated, wherein the expanded graphite sheet is set to have a width of 10 mm, a thickness of 0.42 mm, and a length of a drooping portion thereof from the rotator of 90 mm, the weight is set at 50 g, the swing angles of the rotator in lateral directions are set at 30 degrees with respect to a vertical direction, and an arrangement position of the bending position determining member is set at 20 mm from a lower end of the expanded graphite sheet.

~~2. The expanded graphite sheet according to claim 1, wherein the content of sulfur is 500 ppm or higher.~~

~~3. The expanded graphite sheet according to claim 2, wherein the content of ash is 300 ppm or lower and the content of sulfur is 1000 ppm or higher.~~

4 2. A method of manufacturing an expanded graphite sheet, characterized by comprising:

a step of preparing acid treated graphite by immersing a graphite material having an ash content of ~~0.1~~ 0.01 weight % or lower in an acid treatment solution containing a sulfuric acid and stirring the graphite material with the acid treatment solution;

a step of neutralizing the acid treated graphite;

a step of performing an expansion process by heating the acid treated graphite having been neutralized, to prepare an expanded graphite; and

a step of compressing the expanded graphite.