Claims

Claim 1

A hammer for crushing a silicon block so as to carry out shape processing with respect to the silicon block,

said hammer comprising:

a handle made of a resin; and

a hammer head fixed to the handle,

the resin being a resin containing no inorganic filler.

Claim 2

The hammer as set forth in claim 1, wherein the handle has a Rockwell hardness of not less than R 110 and not more than R 130.

Claim 3

The hammer as set forth in claim 1, wherein the handle has a Rockwell hardness of not less than R 115 and not more than R 129.

Claim 4

The hammer as set forth in any one of claims 1

through 3, wherein the handle is made up of a single resin layer.

Claim 5

The hammer as set forth in any one of claims 1 through 4, wherein the handle is fixed to a center of the hammer head.

Claim 6

The hammer as set forth in any one of claims 1 through 5, wherein the hammer head has a hit surface having a rounded corner.

Claim 7

The hammer as set forth in any one of claims 1 through 6, wherein:

the handle is provided with one of (i) a protrusion that is prismatic and (ii) a recess;

the hammer head is provided with the other one of the protrusion and the recess, the other one being different from the one with which the handle is provided; and

the handle is fixed to the hammer head due to a fit between the protrusion and the recess.

Claim 8

The hammer as set forth in any one of claims 1 through 7, wherein a weight ratio of the handle to the hammer head is not less than 0.15 and not more than 1.00.

Claim 9

The hammer as set forth in any one of claims 1 through 8, wherein the hammer head has a hit surface having a diameter of not less than 1 cm and not more than 3 cm.

Claim 10

The hammer as set forth in any one of claims 1 through 9, wherein the handle has an elastic modulus of not less than 2000 MPa and not more than 5000 MPa.