for use application that takes advantage of such flexibility, however, has been limited only to some use application such as a molding auxiliary material, i.e., a material obtained by impregnating heat-resistance fibers with a rubber polymer (see Patent Documents 1 and 2).

PRIOR ART DOCUMENTS

PATENT DOCUMENTS

[0003]

Patent Document 1: Japanese Patent Laid-open Publication No. 09-277295

Patent Document 2: Japanese Patent No. 4440963

SUMMARY

PROBLEMS TO BE SOLVED

[0004]

In use application of an automobile interior material and medical care, however, there has been a problem that although flexibility and elastic restoring (cushioning characteristics) against a load are required, the methods described in Patent Documents 1 and 2 are incapable of giving a material that additionally has lightness while satisfying the elastic restoring (cushioning characteristics).

[0005]

Thus, the present disclosure has been made in view of

the above problem, and an object of the present disclosure is to provide a structure having an excellent compression property or tensile elongation at break as an indicator of the flexibility and having excellent lightness.

SOLUTIONS TO THE PROBLEMS

[0006]

The present disclosure to solve the above problem is as follows.

(1) In an aspect, there is provided a structure containing reinforced fibers, first plastic, and second plastic that exhibits rubber elasticity at room temperature,

the reinforced fibers being discontinuous fibers, and

the first plastic and/or the second plastic coating a crossing point between the reinforced fibers in contact with each other.

EFFECTS

[0007]

Regarding the structure according to the present disclosure, it is possible to provide a structure having an excellent compression property or tensile elongation at break and excellent lightness.

EMBODIMENTS