

The functionalized compound out of the wooden board scrap and the package recycled resin modified by the FRP scrap

YAMAHA LIVINGTEC CORPORATION

Business Planning Division / WPC Business Planning Group

Hirokazu Ito

(Summary)

The technology that synthesized the complex raw material with a high mechanical characteristic has been developed from the woody board scrap, the resin, which is generated from the package recycling, and the FRP scrap. The desired mechanical characteristic has been kept by alloying the surface of fibril, which is fuzzily formed on the surface of the woody board scrap, with FRP scrap. In addition, the capacity with 50kg/hr has been performed in mass-production and the desired cost has been achieved

(Key word)

Functionalized compound, FRP scrap, Woody board scrap, the package recycled resin, Fibril