

ABSTRACT

A thermoplastic resin composition for laser marking capable of developing chromatic colors, comprising (A) a thermoplastic resin comprising a rubber-reinforced resin (A-1) obtained by polymerizing a vinyl-based monomer in the presence of a rubber-like polymer, and a polymer (A-2) obtained by polymerizing a vinyl-based monomer, wherein a polymerized (meth)acrylic ester is contained in a specified amount; (B) at least one black system compound selected from the group consisting of carbon black, black iron oxide and titanium black; and (C) a dye and/or an organic pigment, each of said components (A) to (C) being blended in a specified amount. Such a thermoplastic resin composition is capable of developing chromatic colors such as red, yellow, blue, green and purple vividly when exposed to laser light, and also excels in impact resistance, heat resistance and molding workability, so that it can be used advantageously for many applications, such as buttons, housings, switches, etc., to be used for OA equipment, household electrical appliances, vehicles, etc., building materials such as doorsills, window frames, handrails, etc.