thickness vehicle member.

Further, a vehicle member is required to have good mechanical strength, heat resistance and chemical resistance. However, when a methacrylic resin composition of high flowability is subjected to injection molding so as to prepare a thin thickness vehicle member, there arise problems such as that thus obtained vehicle member shows low mechanical strength and heat resistance, and/or shows low chemical resistance, for example, in a case of using a cleaning agent for car wash, a windshield washer fluid, a wax remover, or the like, chemicals contained therein bring about craze on a surface of the vehicle member.

As solutions for solving such problems, there are proposed a method by adding a transition metal salt and phosphite to a methacrylic resin composition (see, for example, JP 2003-105158 A), a method by adding a polymer processing auxiliary (see, for example, JP 11-140265 A), a method by blending two acrylic resin components having different molecular weights and compositions (see, for example, JP 2003-292714 A and JP 2006-193647 A), a method by adding styrene as a copolymerizable component (see, for example JP 2004-139839 A) and so on.

SUMMARY ~~OF THE INVENTION~~

Technical Problem

Under present circumstances, however, the methacrylic resin composition obtained by these methods can not attain sufficient flowability, and it has been difficult to mold the methacrylic resin composition into a thin thickness vehicle member. Further, it is not satisfactory in terms of its mechanical strength, heat resistance and chemical resistance.

Thus, the purpose of the present ~~invention~~ disclosure is to provide a methacrylic resin composition for a vehicle member, which composition shows high flowability on molding, has good mechanical strength and heat resistance, and is superior in chemical resistance.

Solution to Problem

The inventors have considered earnestly in order to solve the above problems. As a result, the inventors have found a solution of the following constitution, and finally completed the present ~~invention~~ disclosure.

Accordingly, in one aspect, there is provided

[1] A methacrylic resin composition for a vehicle member, characterized by

(I) comprising a copolymer polymerized from monomeric components comprising methyl methacrylate and acrylic acid ester wherein a content ratio of methyl methacrylate is at least 97% by weight,

(II) showing a reduced viscosity of 55 to 65 cm^3/g at

is to be subjected to injection molding.

[6] A vehicle member which is obtained by subjecting the methacrylic resin composition according to any one of the above [1] to [5] to injection molding.

[7] The vehicle member according to the above [6], which is at least one selected from a group consisting of a rear lamp cover, a head lamp cover, a visor and a meter panel.

Advantageous Effects ~~of Invention~~

According to the present ~~invention~~ disclosure, it is able to provide a methacrylic resin composition suitable for preparing a vehicle member therefrom, which composition shows high flowability on molding and thereby can be readily molded into a thin thickness vehicle member, has good mechanical strength and heat resistance, and is superior in chemical resistance.

DETAILED DESCRIPTION OF THE EMBODIMENTS

A methacrylic resin composition for a vehicle member (hereinafter, which is also referred to as a "methacrylic resin composition") of the present invention satisfies the following (I) to (IV) of

(I) comprising a copolymer polymerized from monomeric components comprising methyl methacrylate and acrylic acid