# CLAIMS

1. A thermoplastic resin composition comprising:
a polyolefin resin;
a polyamide resin; and
a modified elastomer having a reactive group that reacts with the polyamide resin,
the thermoplastic resin composition showing non-Newtonian properties in a fluidized state,
wherein when a melt viscosity at a temperature of 200°C and a shear rate of 12.16 $sec^{-1}$ is defined as $V_1$ (Pa•s), and when a melt viscosity at a temperature of 200°C and a shear rate of 608.0 $sec^{-1}$ is defined as $V_3$ (Pa•s), a ratio of $V_1/V_3$ is $6.7 \leq V_1/V_3 \leq 18$, and
wherein when a melt viscosity at a temperature of 200°C and a shear rate of 60.80 $sec^{-1}$ is defined as $V_2$ (Pa•s), a ratio of $V_1/V_2$ is $2.2 \leqq V_1/V_2 \leqq 6$.

2. The thermoplastic resin composition according to claim 1, wherein the melt viscosity $V_1$ is 1500 Pa•s or more.

3. The thermoplastic resin composition according to claim 1 or 2, wherein a MFR at a temperature of 230°C and a load of 2.16 kg is 20 g/10 min or less.

4. The thermoplastic resin composition according to any one of claims 1 to 3, having:
a continuous phase (A) formed of the polyolefin resin; and
a dispersed phase (B) formed of the polyamide resin and the modified elastomer and dispersed in the continuous phase (A).

5. The thermoplastic resin composition according to any one of claims 1 to 4, being used in a method for producing a molded body including:
a molding step in which the thermoplastic resin composition is molded at a shear rate of 80 $sec^{-1}$ or more; and
a standby step in which the thermoplastic resin composition is on standby at a shear rate of 0 $sec^{-1}$ or more but less than 80 $sec^{-1}$ after the molding step.

6. A molded body comprising a thermoplastic resin composition according to any one of claims 1 to 5.

7. The molded body according to claim 6, having a wall portion made of the thermoplastic resin composition and a hollow portion surrounded by the wall portion.

8. The molded body according to claim 7, being a tubular body formed by extrusion molding.

9. The molded body according to claim 7, being a bottomed hollow body formed by blow molding.

10. A method for producing a molded body using a thermoplastic resin composition containing:

a polyolefin resin;

a polyamide resin; and

a modified elastomer having a reactive group that reacts with the polyamide resin,

the thermoplastic resin composition showing non-Newtonian properties in a fluidized state,

wherein when a melt viscosity at a temperature of 200°C and a shear rate of 12.16 $sec^{-1}$ is defined as $V_1$ (Pa•s), and when a melt viscosity at a temperature of 200°C and a shear rate of 608.0 $sec^{-1}$ is defined as $V_3$ (Pa•s), a ratio of $V_1/V_3$ is $6.7 \leq V_1/V_3 \leq 18$, and

wherein when a melt viscosity at a temperature of 200° C and a shear rate of 60.80 $sec^{-1}$ is defined as $V_2$ (Pa•s), a ratio of $V_1/V_2$ is $2.2 \leqq V_1/V_2 \leqq 6$,

the method comprising:

a molding step in which the thermoplastic resin composition in the fluidized state is molded at a shear rate of 80 $sec^{-1}$ or more; and

a standby step in which the thermoplastic resin composition is on standby at a shear rate of 0 $sec^{-1}$ or more but less than 80 $sec^{-1}$ after the molding step.

11. A method for producing a molded body using a thermoplastic resin composition containing:

a polyolefin resin;

a polyamide resin; and

a modified elastomer having a reactive group that reacts with the polyamide resin,

the thermoplastic resin composition showing non-Newtonian properties in a fluidized state,

wherein when a melt viscosity at a temperature of 200°C and a shear rate of 12.16 $sec^{-1}$ is defined as $V_1$ (Pa•s), and when a melt viscosity at a temperature of 200°C and a shear rate of 608.0 $sec^{-1}$ is defined as $V_3$ (Pa•s), a ratio of $V_1/V_3$ is $6.7 \leq V_1/V_3 \leq 18$, and

wherein when a melt viscosity at a temperature of 200° C and a shear rate of 60.80 $sec^{-1}$ is defined as $V_2$ (Pa•s), a ratio of $V_1/V_2$ is $2.2 \leqq V_1/V_2 \leqq 6$,

the method comprising:

a first molding step in which the thermoplastic resin composition in the fluidized state is molded at a shear rate $X_1$ ($sec^{-1}$) to obtain part of the molded body; and

a second molding step in which the thermoplastic resin composition in the fluidized state is molded at a shear rate $X_2$ ($sec^{-1}$) after the first molding step to obtain another part of the molded body, wherein an absolute value of a difference between the $X_1$ and the $X_2$ is 200 $sec^{-1}$ or more.