WHAT IS CLAIMED IS:

1. A resin molding apparatus configured to manufacture a resin molded product, comprising:

a supply mechanism configured to supply a resin material;

an image capturing unit configured to capture an image of the supplied resin material from above and generate image data; and

a control unit configured to analyze the image data and control the supply mechanism based on an analysis result,

wherein the image data includes a plurality of regions, and

the control unit is configured to analyze the image data, through generating numerical data corresponding to each of the regions based on the image data, and compare respective numerical data with a threshold value,

wherein the plurality of regions include a first region and a second region different from the first region,

the threshold value includes a first threshold value and a second threshold value different from the first threshold value,

the numerical data corresponding to the first region is compared with the first threshold value, and

the numerical data corresponding to the second region is compared with the second threshold value.

2. The resin molding apparatus according to claim 1, wherein the control unit is configured to analyze the image data, through performing gradation processing and binarization processing on the image data.

3. The resin molding apparatus according to claim 1 or 2, wherein the control unit

is configured to analyze the image data, through generating numerical data based on the image data and comparing the numerical data with a threshold value.

4. The resin molding apparatus according to claim 1 or 3, wherein the control unit is configured to determine whether a shortage of the resin material has occurred for each region to which the resin material corresponding to each of the plurality of regions is supplied, through comparison of the respective numerical data with the threshold value, and to control the supply mechanism such that the shortage is eliminated in regions where it is determined that the shortage has occurred.

5. The resin molding apparatus according to any one of claims 1 to 4, wherein the control unit is configured to control the supply mechanism to maintain an operating state if the analysis result satisfies a predetermined condition, and to control the supply mechanism to change the operating state if the analysis result does not satisfy the predetermined condition.

6. The resin molding apparatus according to any one of claims 1 to 5, further comprising:

a mold including an upper mold and a lower mold opposing the upper mold; and

a mold clamping mechanism configured to clamp the mold.

7. A method of manufacturing a resin molded product using the resin molding apparatus according to any one of claims 1 to 5, the method comprising the steps of:

supplying the resin material;

capturing the image of the supplied resin material from above and generating image data;

analyzing the image data and controlling the supply mechanism based on the

analysis result;

disposing the supplied resin material on a lower mold; and

performing resin molding by clamping an upper mold and the lower mold.

8. A method of manufacturing a resin molded product using the resin molding apparatus according to claim 6, the method comprising the steps of:

supplying the resin material;

capturing the image of the supplied resin material from above and generating image data;

analyzing the image data and controlling the supply mechanism based on the analysis result;

disposing the supplied resin material on the lower mold; and

performing resin molding by clamping the upper mold and the lower mold.