# CLAIMS

1. A pipe joint comprising: a tubular main body having a flow path inside, which is formed of a resin comprising a copolymer having one or more selected from a vinyl cyanide monomer unit and an acrylic monomer unit, a rubber component, and an aromatic vinyl monomer unit; and a socket section integrally formed with the main body, wherein:

the main body has a foamed resin layer and a non-foamed resin layer covering the foamed resin layer,

the amount of the rubber component in the foamed resin layer is 10 % by mass or more and 45 % by mass or less, based on a total mass of the resin contained in the foamed resin layer, as determined by pyrolysis-gas chromatography/mass spectrometry,

the amount of the rubber component in the non-foamed resin layer is 10 % by mass or more and 45 % by mass or less, based on a total mass of the resin contained in the non-foamed resin layer, as determined by pyrolysis-gas chromatography/mass spectrometry, ~~and~~

a ratio L/d of length L from a base end to an opening end of the socket section to a thickness d of the socket section at the opening end is 2.0 or more and 10.0 or less,

the resin contained in the foamed resin layer and the resin contained in the non-foamed resin layer are the same, and~~.~~

~~2. The pipe joint according to claim 1, wherein~~ the main body has a thermal resistance of 0.04 K/W or more.

~~3. A piping structure comprising the pipe joint of claim 1 or 2, and a pipe inserted into and connected to the socket section of the pipe joint.~~

2. The pipe joint according to claim 1, which has no dam portion provided at the boundary between the main body and the socket section, wherein the dam portion blocks the foamed resin layer.

3. The pipe joint according to claim 1 or 2, wherein:
the amount of the rubber component in the foamed resin layer is 20 % by mass or more and 45 % by mass or less, and
the amount of the rubber component in the non-foamed resin layer is 20 % by mass or more and 45 % by mass or less.

4. The pipe joint according to any one of claims 1 to 3, wherein the ratio L/d is 2.0 or more and 9.0 or less.

5. The pipe joint according to any one of claims 1 to 4, which has a melt mass flow rate of 3 g/10 min or more and 90 g/10 min or less, as measured at a test temperature of 220 °C and a test load of 10 kg according to JIS K 7210: 1999.

6. A method for producing the pipe joint of any one of claims 1 to 5, comprising molding a foamable resin composition to form the foamed resin layer, and molding a non-foamable resin composition to form the non-foamed resin layer, wherein the resin contained in the foamable resin composition and the resin contained in the non-foamable resin composition are the same.