4-METHYL-1-PENTENE POLYMER PARTICLE AND METHOD FOR PRODUCING 4-METHYL-1-PENTENE RESIN

ABSTRACT

A 4-methyl-1-pentene polymer particle (X) which satisfies the following requirements (X-a), (X-b) and (X-c): (X-a) being composed of a 4-methyl-1-pentene polymer which has a content of a constitutional unit derived from 4-methyl-1-pentene being 30.0 to 99.7% by mol, and a content of a constitutional unit derived from at least one olefin selected from ethylene and an α-olefin having 3 to 20 carbon atoms (except for 4-methyl-1-pentene) being 0.3 to 70.0% by mol; (X-b) having, when measured in a cross fractionation chromatograph apparatus (CFC) using an infrared spectrophotometer as a detector part, at least one peak A of an amount of a component eluted present in the range of 100 to 140°C, and at least one peak B of an amount of a component eluted present at lower than 100°C; and (X-c) having a meso diad fraction (m) measured by ^{13}C-NMR falling within the range of 95.0 to 100%.

[Figure 1]