CLAIMS

1. An ethylene/alpha-olefin copolymer satisfying the following conditions (a) to (d):

(a) a density is 0.85 to 0.89 g/cc;

(b) a molecular weight distribution is 1.8 to 2.3;

(c) a melt index (MI, 190°C, 2.16 kg load conditions) is 1 to 100 dg/min; and

(d) a full width at half maximum (FWHM) of a crystallization peak shown during measuring a crystallization temperature by cross-fractionation chromatography (CFC) is 15 or more,

wherein the alpha-olefin is comprised in 10 to 50 mol% with respect to the copolymer.

2. The ethylene/alpha-olefin copolymer according to claim 1, wherein the melt index is 2 to 20 dg/min.

3. The ethylene/alpha-olefin copolymer according to claim 1, wherein the full width at half maximum of the crystallization peak is 16 to 50.

4. The ethylene/alpha-olefin copolymer according to claim 1, wherein the copolymer has a melting temperature of 70°C or less.

5. The ethylene/alpha-olefin copolymer according to claim 1, wherein the copolymer has a weight average molecular weight (Mw) of 40,000 to 150,000 g/mol.

6. The ethylene/alpha-olefin copolymer according to claim 1, wherein the copolymer

has a melt flow rate ratio (MFRR) of 8.0 or less, wherein MFRR is a ratio of a melt index (MI_{10}, 190°C, 10 kg load conditions) with respect to a melt index ($MI_{2.16}$, 190°C, 2.16 kg load conditions).

7. The ethylene/alpha-olefin copolymer according to claim 1, wherein the crystallization temperature is 70°C or less.

8. The ethylene/alpha-olefin copolymer according to claim 1, wherein an alpha-olefin of the copolymer comprises one or more selected from the group consisting of propylene, 1-butene, 1-pentene, 4-methyl-1-pentene, 1-hexene, 1-heptene, 1-octene, 1-decene, 1-undecene, 1-dodecene, 1-tetradecene, 1-hexadecene and 1-eicosene.