

ABSTRACT

[Object] To provide a propylene homopolymer suitable for capacitor films having high withstand voltage and a stretched
5 film formed by stretching the propylene homopolymer.

[Solution] A propylene homopolymer of the present invention for capacitors satisfies the following requirements (i) to (v) and (ix): (i) the MFR is 1 to 10 g/10 minutes; (ii) the meso pentad fraction (mmmm) measured by ^{13}C -NMR is 0.940 to
10 0.995; (iii) the integrated amount of elution at 90°C by CFC using o-dichlorobenzene is 0.5% by weight or less; (iv) the melting point measured using DSC is 152°C or more; (v) the chlorine content is 2 ppm by weight or less; and (ix) in an elution temperature - elution volume curve measured by cross-
15 fractionation chromatography (CFC) using o-dichlorobenzene, the maximum peak has a peak top temperature in the range of 105° C to 130° C and half width of 7.0° C or less.