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(54) Title: POLYPROPYLENE FILM STRUCTURE HAVING INCREASED LIFE TIME

(57) Abstract: The present invention refers to a structure comprising a biaxially oriented polypropylene (BOPP) film having at least one layer comprising a homopolymer of propylene which layer is in contact with an oil phase, the homopolymer of propylene has a) a content of isotactic pentads in the range from 95 % to 98 %, and b) a content of ash of not more than 30 ppm, based on the total weight of the homopolymer of propylene, characterized in that the oil phase has an absorbance value of ≤ 0.1 , relative to the pure oil, as determined spectrophotometrically at a wavelength of 860 nm by the reduction of transmitted light intensity. The present invention further refers to the use of a biaxially oriented polypropylene (BOPP) film for making capacitors comprising said structure, wherein the oil phase has an absorbance value of ≤ 0.1 , relative to the pure oil, as determined spectrophotometrically at a wavelength of 860 nm by the reduction of transmitted light intensity as well as the use of the homopolymer of propylene for increasing the life time of a capacitor.



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