

Title (en)

SELF-ADHESIVE FILM AND LAMINATE USING THE SAME

Title (de)

SELBSTKLEBENDER FILM UND DIESEN ENTHALTENDER SCHICHTSTOFF

Title (fr)

FILM AUTO-ADHESIF ET STRATIFIE LE COMPORTANT

Publication

EP 0716673 A1 19960619 (EN)

Application

EP 94924476 A 19940720

Priority

- JP 21747793 A 19930901
- US 9408166 W 19940720

Abstract (en)

[origin: WO9506692A1] A self-adhesive film having no tackiness, which can repeatedly be used, and show no cohesive failure even if crosslinked films are adhered to each other and then debonded, and which can be prepared from a simple material is provided. A film composed of a copolymer of the monomer of an acrylic acid ester and the oligomer of a (meth)acrylic acid ester having a mutually reactive functional group in a molecule. The Tg value of a homopolymer obtained by homopolymerization of the aforesaid acrylic acid ester monomer is higher than 20 DEG C (Tg > 20 DEG C). The Tg value of a homopolymer of the (meth)acrylic acid ester forming the aforesaid oligomer is lower than -20 DEG C (Tg < -20 DEG C), and the F value defined by the following equation is within the range between 2.8×10^{-3} and 3.7×10^{-3} . $F = W1/(Tg1 + 273.2) + W2/(Tg2 + 273.2) + \dots Wn/(Tgn + 273.2)$. W1 to Wn denote, respectively, the weight fraction of the first to n-th components, consisting of the monomer and the oligomer, and Tg1 to Tgn denote, respectively, the Tg values (DEG C) of the first to n-th components, consisting of the homopolymer of the (meth)acrylic acid ester monomer and the oligomer.

IPC 1-7

C09J 133/06; **C09J 7/00**

IPC 8 full level

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Citation (search report)

See references of WO 9506692A1

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