

Title (en)

Urethane polymer finish for pleated shades in vertical blinds

Title (de)

Urethanpolymerveredelungsmittel für Faltenvorhänge in Vertikaljalousien

Title (fr)

Apprêt polymérique d'uréthane pour tissus plissés des stores verticaux

Publication

EP 0648888 B1 19970813 (EN)

Application

EP 94307479 A 19941012

Priority

US 13725093 A 19931014

Abstract (en)

[origin: EP0648888A1] This invention provides a urethane polymer finish for textile fabrics utilized in window coverings such as pleated shades and vertical blinds. This finish for window coverings such as pleated shades and/or vertical blinds includes a urethane polymer made from a diisocyanate and either a polyester or a polyether soft segment. The diisocyanate may be either aromatic or aliphatic with an aliphatic diisocyanate preferred to prevent yellowing. The combination of these ingredients are is either carboxylated or emulsified and then neutralized. This urethane polymer may optionally include a halogenated moiety and such as a brominated monomer. Although a one hundred percent urethane polymer finish is preferred, the actual percentage of urethane polymer in the dried finish on the textile fabric may be as low as forty-five percent and still achieve some of the significant qualities of this urethane polymer finish. Some of the these significant qualities of this urethane polymer finish include shape retention, high softening point, flame retardancy, non-blocking, stiffness, non-yellowing and light fastness. <IMAGE>

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CPC (source: EP)

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Cited by

CN110205836A; US8216646B2; US7311960B2; US8258067B2; WO9961233A3

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