

Title (en)

Method of manufacture of highly reflective metallized paper.

Title (de)

Verfahren zur Herstellung eines hochglänzenden, metallisierten Papiers.

Title (fr)

Procédé de fabrication d'un papier métallisé, hautement réfléchissant.

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Application

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Priority

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Abstract (en)

Coated paper substrates having a high gloss suitable for vacuum metallization are manufactured by a direct coating method which comprises laminating an interleaving film and the thermoplastic resin-coated surface of a paper substrate employing suitable temperatures and pressure to render the thermoplastic flowable and thereafter nonflowable. The interleaving film is then stripped away leaving the resin-coated paper substrate with a high specular gloss which can thereafter be vacuum metallized. Similar high gloss paper substrates are also provided by a transfer coating process which comprises laminating a paper substrate and the thermoplastic resin-coated surface of a transfer film employing sufficient temperatures and pressure to first render the thermoplastic resin flowable and then nonflowable and thereafter stripping away the transfer film. Paper substrates having 75 DEG specular gloss readings of at least 85 prepared by a process of this invention are then vacuum metallized resulting in the manufacture of highly reflective metallized paper.

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