

Title (en)
WATER DISPERSIBLE/REDISPERSIBLE HYDROPHOBIC POLYESTER RESINS AND THEIR APPLICATION IN COATINGS

Title (de)
WASSERDISPERGIERBARE/REDISPERSIERBARE HYDROPHOBE POLYESTERHARZE UND IHRE VERWENDUNG IN ÜBERZUGSMITTELN

Title (fr)
RESINES POLYESTER HYDROPHOBES DISPERSIBLES/REDISPERSIBLES DANS L'EAU, ET LEUR APPLICATION DANS DES REVETEMENTS

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Application
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Abstract (en)
[origin: WO9951430A1] This invention relates to the synthesis from PET (Virgin, recycled, post consumer, or precursor raw materials) of novel water dispersible or water emulsifiable polyester resins having improved hydrophobicity or non-polar characteristics. The polyester resins can be combined with other polymers to give blends having improved properties when coated onto substrates. These characteristics give the applied film of these dispersions or emulsions much improved water repellency while at the same time retaining their redispersible or re-emulsifiable properties. Such resins can be used for many applications in the paper, textile, coatings, paint, construction, and other industries.

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