

Emuldur[®] 381 A

Adhesive Raw Materials



Chemical nature

Aqueous dispersion of an elastomeric polyester-polyurethane polymer

Technical data

Solids content	approx. 40 %
pH	approx. 7–9
Viscosity	approx. 12–25 s
Glass transition temperature	approx. –30 °C

For detailed information see Specification Data-Sheet.

Application area

Adhesion promoter.
Barrier against plasticizer migration.

Processing

Emuldur 381 A is employed as an adhesion promoter for aqueous polymer dispersions to plastic films. It particularly adheres well to PVC film. It forms a highly transparent, very tough elastic film that can be activated by heat-sealing. It also prevents plasticizers from migration by acting as a

barrier. Emuldur 381 A can be mixed with a wide variety of anionic and non-ionic dispersions. pH of those dispersions has to be adjusted to alkaline range prior to adding to Emuldur 381 A. Manufacturers must carry out thorough trials when they develop products based on Emuldur 381 A as, in manufacture and use, their homogeneity, the compatibility of their components and their adhesion to, and interaction with different substrates etc. are affected by a host of factors that we cannot cover exhaustively in our own trials.

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