

A polyurethane resin (soluble in organic solvents, preferably in alcohols) being in one embodiment of the present invention the reaction product of at least one diisocyanate components having isocyanate reactive functional groups, said components comprising a first group of at least one polyol, a second group of at least one polyol and a third group of at least one polyol, at least one amine and optionally a terminating agent wherein all polyols of said first group are of an average molecular weight in the range of between 1000 to 10000 g/mol wherein all polyols of said second group are of an average molecular weight in excess of 10000 up to 20000 g/mol, and wherein all polyols of said third group are of an average molecular weight of equal or less than 800 g/mol. The polyurethane resin is used as film forming binder in coating compositions and in particular printing inks for plastic films. Preferably the printing ink is used to produce printed laminates. In particular the second group of polyols impart to the polyurethane resin those properties necessary for an excellent initial adhesion to plastic films.