

Title (en)  
PRESSURE-SENSITIVE ADHESIVE MASS

Title (de)  
HAFTKLEBEMASSE

Title (fr)  
MATIÈRE AUTO-ADHÉSIVE

Publication  
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Application  
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Abstract (en)  
[origin: WO2010094585A1] The present invention relates to a pressure-sensitive adhesive mass based on polyurethane, wherein the polyurethane is composed of the following starting materials in the specified proportions, said starting materials being reacted catalytically with each other: a) at least one aliphatic or alicyclic polyisocyanate, wherein the functionality thereof is less than or equal to 3 in each case; b) a combination of at least one polypropylene glycol diol and at least one polypropylene glycol triol, wherein the ratio of the number of hydroxyl groups of the diol component to the number of hydroxyl groups of the triol component is less than 10, wherein the ratio of the number of isocyanate groups to the total number of hydroxyl groups is between 0.65 and 1.2, and wherein the diols and triols are selected and combined alternatively as follows in each case: - diols having a molecular weight of less than or equal to 1000 are combined with triols having a molecular weight greater than or equal to 1000, - diols having a molecular weight of greater than 1000 are combined with triols having a molecular weight less than 1000; c) at least one light stabilizer based on an aromatically substituted triazine having a proportion of 0.2 - 2 wt % and at least one amine-hindered light stabilizer having a proportion of 0.2 - 2 wt %; d) at least one antioxidant based on a sterically hindered phenol having a proportion of 0.2 - 2 wt %; e) a carbodiimide having a proportion of 0.25 - 2.5 wt %.

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