

Fleece Backing P50 Automotive

Technical Data

1. Fleece 50 g/sqm

Components: approx. 80% cellulose, approx. 20% polyester as well as very small amounts of acrylic binder

2. Adhesive:

PVAc dispersion with diisocyanate hardener

Quantity: approx. 80 g/sqm dry

The compound of fleece and glue is free of formaldehyde. This composite is not suitable for toys because of the diisocyanate hardener.

This compound is free of PCP.

We explicitly point to the fact that the used raw material is free of formaldehyde; however, a formaldehyde emission test needs to be executed for the finished part.

Previous tests have always resulted in emission values of <0,02 ppm under the condition that the veneers were correspondingly free of formaldehyde (formaldehyde emission category E1 is defined with <0,1 ppm).

General Test:

We have the results of the strength test of the compound for the automotive industry. We fulfil the standards of the following companies: Mercedes/Daimler Chrysler, BMW, VW, Volvo, Saab and Ford.

This means in detail: the compound is resistant to boiling water and long-term UV resistant.

In this context, we also point out that PUR hot melt fleece laminations do not fulfil the standards of the automotive industry, as these laminations are not correspondingly long-term UV resistant.

Nevertheless, we use PUR hot melt when processing flexible veneers, and it fulfils all necessary requirements, especially in the field of profile wrapping onto plastic profiles or aluminium profiles. In this case, our fleece compound serves as a UV shield. Veneer alone and thinly sanded is partly permeable to light and UV rays.

Own test of the users:

As processes such as gluing and surface treatment can change the properties of our fleece-veneer compound, the user himself is always obliged to do a component test.

This information is not to be regarded as a warranty pledge.

Furwa Furnierkanten GmbH