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Bürs, 20/11/2015
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ECO-Confirmation of Sylomer® and Sylodyn® by Getzner

Dear Sir or Madam.

Sylomer® und Sylodyn® from our company Getzner Werkstoffe GmbH are cellular PUR elastomers for sound and vibration isolation. Depending on the load different types of material with specific densities and stiffness are used. The stiffness is adjustet by the density of the foam. To avoid confusion between materials, they are colored differently. The color itself has no influence on the product properties.

1. Production of PUR-base mat

The PUR base mats are made from the liquid raw materials in a continuous casting process in a low pressure system. The reaction takes place on the conveyor belt. By the end of the conveyor system the produced mats are cured so far that they can be rolled up and transported to the storage.

Diagramm: Production of PUR and raw materials

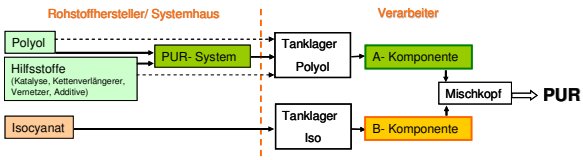
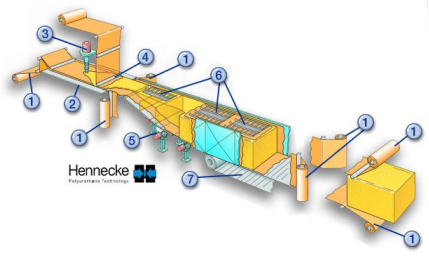


Figure: continuous casting of PUR the in a low pressure system



(sample image of company Hennecke, PUR- unit manufacturer)

2. Confirmation – <u>avoidance of climate-damaging substances</u>

Due to the chemical composition of the raw materials used for production, we confirm that Sylomer® and Sylodyn® do not contain any climate-damaging substances. Water is used as blowing agent.

3. Confirmation – avoidance of volatile organic compounds (VOC)

Due to the chemical composition of the raw materials used for production, we confirm that Sylomer® und Sylodyn® do not contain any harmful volatile organic compounds (VOC).

4. Confirmation – avoidance of carcinogenic, mutagenic, reproductive toxic feedstocks (CMR substances)

Due to the chemical composition of the raw materials used for production, we confirm that Sylomer® und Sylodyn® do not contain any harmful ratio of CMR substances.
The Report entitled "Lebensmittelrechtliche Untersuchung an Sylomer® und L Polyurethan Schäume"; Report Nr 45.079-1 from 07.03.2001 of the ofi Kunststoffinstitut (interne PR 538) proves this. Page 4, Tabele 3 shows that the ratio of MDI (Diphenylmethandiisocyanat) is given with 0,22 mg/kg. The allowed level of MDI of less than 1 mg/kg was easily achieved with all samples.

5. Confirmation – avoidance of critical flame retardants

Due to the chemical composition of the raw materials used for production, we confirm that Sylomer® und Sylodyn® do not contain any critical flame retardants.

6. Confirmation – avoidance of halogenated organic compounds

Due to the chemical composition of the raw materials used for production, we confirm that Sylomer® und Sylodyn® do not contain any halogenated organic compounds.

7. Confirmation – avoidance of volatile organochlorine compounds

Due to the chemical composition of the raw materials used for production, we confirm that Sylomer® und Sylodyn® do not contain any volatile organchlorine compounds.

8. Confirmation – avoidance of metal composite materials

Due to the chemical composition of the raw materials used for production, we confirm that Sylomer® und Sylodyn® are materials without any metal composite.

We hope having assisted you with this information.

Best regards

Getzner Werkstoffe GmbH

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Material Development

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