

PRESS RELEASE

ALAMID® 6 GF 30 PU D SCHWARZ-17018



Detectable compound for the food industry

Broken pieces of plastic are a well-known problem in the food processing industry. Here, not only the resulting disruptions to production are a problem. The danger that fragments get into the food, possibly leading to a serious risk to health on consumption, is even worse.

With ALAMID® 6 GF 30 PU D SCHWARZ-17018, LEIS Polytechnik GmbH is presenting an elegant solution to this problem. The polyamide 6 reinforced with 30% glass fibres can be detected magnetically. Before packing, the food passes through a metal separator that recognises and removes any fragments that may be present. This ensures that even the smallest fragments do not get into food or animal feed.

ALAMID® 6 GF 30 PU D SCHWARZ-17018 meets the requirements of directive 2002/72/EC of the commission of 6 August 2002 relating to materials and objects made of plastic that are intended to come into contact with food.

Alongside meeting the conditions set in food legislation, the new material also has the typical strength of a polyamide 6 with 30% glass fibre reinforcement. With a tensile strength of 150 MPa and an impact strength of 45 kJ/m², the injection moulding capable compound is suitable for parts such as levers, transport containers, housings, covers etc. The picture shows a transport container made of ALAMID® 6 GF 30 PU D SCHWARZ-17018.

LEIS Polytechnik (www.leis-polytechnik.de) specialises in the development and production of high performance polymers and has exclusive know-how in the areas of metal substitution (NYLAFORCE® product group) and tribologically optimised plastics (TRIBOFORCE® product group).