

Wefapress®

*Professionals in
engineering plastics*



FOOD
INDUSTRY



Plastics conforming to Regulation (EU) 10/2011

Pigments, separating agents and additives: The interaction of foods and foreign materials is not without risks

In order to minimize these risks and prevent any food impurities, the European Commission enacted a regulation on plastic materials and articles in January 2011.

For Wefapress® these provisions have already been a matter of course for a long time. Many of the material types used for the food industry comply with the regulation and are consequently "Food Secure".

Work in the food industry is subject to strict hygiene standards that also apply in interaction with plastics. Plastics in this segment must be physiologically harmless in order to come in contact with food. The EU regulation enacted in 2011 for application in plastics manufacturing and processing wants to exclude harmful influences caused by material migration.

This offers better protection for consumer health as well as for the composition of the particular food and its organoleptic characteristics. Particularly relevant is an individual measure from Framework Regulation (EC) No. 1935/2004: Regulation (EU) No. 10/2011 (PIM), which defines the contact between plastics and food.



„Food Secure“ – for more safety in the food industry.

Why Wefapress® is the first choice for the food industry

Industry knowledge

Wefapress® has many years of successful work with companies from the food industry.

Experience with EU regulatory requirements

We have been intensively dealing with Regulation (EU) No. 10/2011 since 2012. A large portion of our material types made of polyethylene (PE-UHMW and PE-HMW) and other engineering plastics comply with the regulation. They bear the Wefapress FSP (Food Secure Product) label.

Conveyor technology/Individual migration analysis

We support you in matters related to the migration calculation. You have access to our empirically established figures in the form of existing test results, which saves you time and money.

Complete information for FSP products

You don't have to ask - we supply you with the corresponding declaration of conformity, including test results.

Regulation 10/2011's key points:

List of starting substances and production aids

Defines the materials to be used for production: Authorized are only the (approx. 800) starting substances and production aids from the "Union list".

Migration test

Requires standard tests with food simulants, times and temperatures which should reflect the actual situation. Testing covers the OML (Overall Migration Limit), which is the maximum quantity of substances that a material is permitted to release into a food, as well as the SML (Specific Migration Limit), which is the maximum quantity of a particular substance that is allowed to be released into a food.

Declaration of conformity

the suitability for possible use. It is valid until a material has been changed and therefore the migration also changes or until new scientific findings are available.

Traceability

It must be possible to trace the material through all value creation stages.

GMP (Good Manufacturing Practice)

The manufacture must take place in accordance with the provisions of Regulation (EC) No. 2023/2006, also known as GMP (Good Manufacturing Practice), which regulates the quality system, quality control system and documentation.

Joint responsibility of all parties involved in the manufacture

Regulation (EU) No. 10/2011 refers to the manufacture of all food contact materials and should be applied to the complete supply chain, including manufacture, processing and distribution. The conformity of products and processes must always be guaranteed and confirmed across all stages.



Only monomers, additives and production aids (for example cooling fluids and cleaning agents) conforming to Section 1 of the Regulation (EU) No. 10/2011 may be used for production.



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