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XX. Polyisobutylene, Isobutylene Copolymers and Mixtures of Polyisobutylene with other Polymers

As of 01.01.2010

There are no objections to the use of polyisobutylene, isobutylene copolymers and mixtures of polyisobutylene with other polymers in the manufacture of commodities in the sense of § 2, Para. 6, No 1 of the Food and Feed Code (Lebensmittel- und Futtermittelgesetzbuch), provided they are suitable for their intended purpose and the following conditions are met:

1. The use of starting materials for polyisobutylene and isobutylene copolymers are subject to the Commission Regulation (EU) No 10/2011.

The evaluation presented in the following refers to polymers from the following monomeric starting substances:

- a) Monomer: Isobutylene
- b) Comonomers: Styrene, max. 10.0 %
Isopropene, max. 3.0 %

To the polymers made from the mentioned starting substances the following polymers and copolymers may be added provided that the portion of polyisobutylene in the overall mixture exceeds 50 %:

- a) Polyethylene to the extent that it complies with the amended version of Recommendation III
 - b) Polypropylene to the extent that it complies with the amended version of Recommendation VII
 - c) Styrene-acrylonitrile-copolymers to the extent that they comply with the amended version of Recommendation VI
 - d) Copolymers of ethylene, propylene, butylene, and unsaturated aliphatic acids as well as their salts and esters to the extent that they comply with the amended version of Recommendation XXXV. However, not cross-linked copolymers according to section A of the Recommendation XXXV as well as cross-linked copolymers according to section B of the Recommendation XXXV with the substances listed in No 4 b) of this section are excluded if the commodities are intended to come into contact with fats, oils or fatty foodstuffs in which fat forms the external phase.
 - e) Polybutene-1 to the extent that it complies with the amended version of Recommendation XXXVII
2. Additives permitted by the Commission Regulation (EU) No 10/2011 may be used in compliance with the restrictions laid down therein. In addition to these, only the following production aids, used during manufacture and processing, in the maximum amounts give, may be contained in the raw polymer or finished products
 - a) Residues of catalysts and their decomposition products:
Boron trifluoride, max. 0.02 %