

## Declaration of compliance

according to Regulation (EC) No 1935/2004 of the European Parliament and of the Council  
on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC

No. GPPS-HIPS/15/05/2011

The company

**SYNTHOS Kralupy a.s.**

ID No.: 28214790, VAT No.: CZ28214790

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Czech Republic

declares, that the product **KRASTEN<sup>®</sup>**, Types:

**KRASTEN<sup>®</sup>137, KRASTEN<sup>®</sup>152, KRASTEN<sup>®</sup>154, KRASTEN<sup>®</sup>171, KRASTEN<sup>®</sup>172 (GPPS)  
KRASTEN<sup>®</sup>336M, KRASTEN<sup>®</sup>552M, KRASTEN<sup>®</sup>562E, KRASTEN<sup>®</sup>662E (HIPS)**

a general purpose and high impact polystyrene in natural and/or coloured grades (with letter "C" in grade designation) produced in accordance with the colouring prescriptions approved by the local authority (National Institute of Public Health, Prague), delivered in granulate form

complies with the following standards and normative documents in their currently valid form:

- Regulation (EC) No 1935/2004 of the European Parliament and of the Council on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC
- Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food
- Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food. The supporting documents, based on the basic rules for overall and specific migration testing according the Annex to Directive 82/711/EEC, are in conformity with Article 22 - Transitional provisions, Chapter VI - Final provisions. The original substances, used in the manufacturing of the mentioned above products, are listed in the Union list of authorised monomers, other starting substances, additives and polymer production aids with the following restrictions:

**GPPS Grades:**

SML for monomers, additives and other starting substances:

Zinc stearate, CAS reg. Nr. 557-05-1, specific migration limit SML = 25 mg/kg.

**HIPS Grades:**

SML for monomers, additives and other starting substances:

Butadiene, ref. Nr. 13630, CAS reg. Nr. 000106-99-0, specific migration limit SML = ND (not detectable)

Octadecyl-3-(3,5-di-terc-butyl-hydroxyphenyl)propionate, ref. Nr. 68320, CAS 002082-79-3, specific migration limit SML = 6 mg/kg.

- LMSVG - § 16(1) / § 17 (1) of the Austrian Law for Food Safety and Consumer Protection.

The stated information complies with the actual state of our knowledge valid during the tests of the specified product in accredited and/or authorized institutions and from the tests themselves, as well as the state of the legislation and regulations valid at the issuing of this document. The converter is fully responsible for meeting all the regulations relating to further processing and use of the specified product.

- Recommendations of Federal Institute for Risk Assessment (BfR) No. V. Polystyrene produced exclusively from the polymerization of styrene and No. VI. Styrene copolymers and graft polymers of polystyrene with other polymers.
- EN 71, Safety of Toys - part 3: "Migration of certain elements" and EN 71, Safety of Toys, part 9 - "Organic Chemical compounds - Requirements"
- Directive 2005/84/EC amending for the 22<sup>nd</sup> time Council Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member State relating to restrictions on the marketing and use of certain dangerous substances and preparations (phthalates in toys and childcare articles). Above-mentioned products does not contain di-iso-nonyl phthalate (DINP), di(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), di-iso-decyl phthalate (DIDP), di-n-octyl phthalate (DNOP), and butylbenzyl phthalate (BBP).
- Commission Regulation (EC) No 1895/2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food. Above-mentioned products does not contain 2,2-bis (4-hydroxyphenyl) propane bis (2,3-epoxypropyl) ether (BADGE), bis(hydroxyphenyl) methane bis (2,3-epoxypropyl) ether (BFDGE) and novolac glycidyl ethers (NOGE).
- Corrigendum to Directive 2003/11/EC of the European Parliament and of the Council amending for the 24th time Council Directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations (pentabromodiphenyl ether, octabromodiphenyl ether).
- Directive 2002/95/EC of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment („RoHS“). Above-mentioned products respect to the heavy metal content of cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (Cr<sup>VI+</sup>) and do not contain polybromated biphenyl (PBB) and polybromated diphenylether (PBDE - PentaBDE, OctaBDE, DecaBDE).
- European Parliament and Council Directive 94/62/EC on packaging and packaging waste. Above-mentioned products respect the heavy metals content limit because the overall concentration of cadmium (Cd), mercury (Hg), lead (Pb) and hexavalent chromium (Cr<sup>VI+</sup>) is lower than 100 ppm(w/w).
- Directive 2000/53/EC of the European Parliament and of the Council on end-of life vehicles. Above-mentioned products respect the heavy metals content limit defined in the notes of the Decision 2002/525/EC because the overall concentration of lead, chromium and mercury is lower than 0,1% by weight.
- The Montreal Protocol on Substances that deplete the Ozone Layer. Above-mentioned products are free from ozone-depleting substances.

#### Supplementary information:

The data of the above mentioned products relate exclusively to the basic polymer in its granulate form. The overall and specific migration limits has to be controlled on the finished articles intended to come into contact with foodstuffs in accordance with different food types and various end-use conditions; consequently it is the responsibility of the end-user of these polymer product.

The production process control its monitoring and final inspection of products are assured in accordance with a certified quality system based on the ISO 9001 standard.

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