

TechInfo 14

Clearance certificate for isoplan® 500 GREENLINE

No substances that are prohibited or harmful to health (IMDS/GADSL reference list and/or RoHS Directive) are used in the production of isoplan® 500 GREENLINE (date: 10/2016).

The Regulation (EC) No. 1935/2004 outlines the requirements on materials and articles intended for use in food applications. The rules are expressed in general terms and refer to individual measures that give a detailed description of the requirements which the relevant material needs to satisfy. In liaison with an independent testing institute, a formulation test and a migration test have been chosen and carried out in accordance with the individual measure (EU) No. 10/2011 in the context of (EC) 1935/2004 to demonstrate suitability for food applications.

The formulation test for isoplan® 500 GREENLINE in accordance with the positive list of EU Regulation No. 10/2011 shows that the components of the formulation used for isoplan® 500 GREENLINE comply with the positive list in question.

Migration with respect to the food simulant E (Tenax®) has also been investigated in order to assess the suitability of the material for food. The migration levels determined are within the required limits. The test simulants and the contact conditions were chosen in accordance with the specifications laid down in Annex III and Annex IV of the Regulation (EU) No. 10/2011. A test report has been compiled about this and can be made available on request.

The tests and trials carried out are designed for materials that are to be used in food applications. The results of these tests and trials demonstrate that isoplan® 500 GREENLINE is harmless to health. On the basis of the test results that have been obtained, isoplan® 500 GREENLINE is suitable for applications in the food industry if it is used for its intended purpose (e.g. insulation/sealing of furnaces, reduction of the temperature on contact surfaces etc.).

More detailed information can be found in the Regulation (EU) No. 10/2011 and (EC) No. 1935/2004.

If you have any application engineering questions, we will be delighted to answer them. Just contact: gaskets@frenzelit.de, phone +49 9273 72-140

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