

Product Safety Information for DTM Trays

Food Contact Regulations Version 2.1

Conformity with EU Regulations – Food contact statement EU Regulation 10/2011

Regulation on plastic materials and articles intended to come into contact with food:

This regulation is a specific measure within the meaning of Article 5(1) of Regulation (EC) 1935/2004. This regulation establishes the specific rules for plastic materials and articles to be applied for their safe use.

The PLEXIGLAS® used in DTM Trays is tested with respect to its monomers and additives in the Regulation (EU) 10/2011 and its amendments, implementing Regulation (EC) 1935/2004 for plastics. The cumulative total Specific Migration Limit (SML(T)) for methacrylates and Specific Migration Limits (SML) for other components are below the respective thresholds.

The cumulative SML (T) for esters of methacrylates and acrylates are below 6 mg/kg.

Further contained ingredients with SML were below migration limit.

The used PLEXIGLAS® is intended to be used as reusable article. It can be used for the production of covers, windows, plates, sheets, protection devices or comparable uses which are used in food processing plants.

Therefore, DTM Trays can be used in contact with dry, watery, acidic and oily food according to food simulants A, B and D2 in a wide range of uses according to test number OM2 (test time period and condition 10 days at 40°C), corresponding long-term storage at room temperature or below, storage under refrigerated and frozen conditions including hot-fill conditions and/or heating up to 80°C for a short time.

For the PLEXIGLAS® in DTM Trays a surface-to-food ratio of 2,5 dm²/kg may not be exceeded.

Due to technical reasons, we only recommend DTM Tray applications up to 70°C for a short time in permanent uses.

DTM Trays are technically not suitable for the contact with ethanol >20 % (swelling, crack formation). By the selection of food simulants in migration tests this property should be considered. Food containing > 20% Ethanol is not recommended to use for DTM Trays. Migration tests with > 20 % Ethanol food simulant will fail.

This confirmation is valid for the above-mentioned conditions. The use of the product under other conditions (temperature, duration, food) has to be tested on the final product from the customer itself in migration tests according to the (EU) 10/2011 regulation.

Conformity with US Regulations – Food contact statement

The qualities correspond to the requirements of the 21CFR §177.1010 of Code of Federal Regulations, Food and Drugs (FDA) for contact with food for contact with food category except category VI-C under the use conditions D, like cited in §176.170.

EU Regulation 2023/2006

The production of the used PLEXIGLAS® in DTM Trays, is in accordance (EC) Regulation No. 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with foodstuffs ("GMP Regulation").

For the production process a HACCP process was implemented.

Please note:

Finished food contact materials or articles containing this product as a component, need to comply inter alia with Overall Migration Limit (OML) requirements – as specified in EU-Regulation 10/2011 and/or similar laws in other jurisdictions. Verification of compliance with migration limits (OML and SML) should be carried out in accordance with the rules laid down there.

We would like to point out that it is in the sole responsibility of the manufacturer of the final material or article to assure the compliance with the OML requirements under actual and foreseeable conditions of use, and to check it on a regular basis.

The manufacturer of food contact materials or articles, containing this product as a component, must in particular ascertain that these finished materials or articles meet the general regulatory requirement that they do not endanger human health, or bring about an unacceptable change in the composition of the food or deterioration in the organoleptic characteristics thereof.

All information and further technical advice are based on our present knowledge and experience. We reserve the right to make changes, in particular in response to technical and scientific advances, business developments, or as required by law.

Use or application of such information is at your sole responsibility and risk, without any liability on our part, including with regard to third-party intellectual property rights.

It is your sole responsibility to verify whether the information is fit for a particular purpose and suitable for the intended method of use or application. The evaluation of the information provided should be carried out only by qualified personnel.

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