

Product Safety Information - Food Contact Regulations
2021-01-05 Version 2.0

PLEXIGLAS® XT colorless 0A000*
PLEXIGLAS® XT colorless 0A070
PLEXIGLAS® XT colorless 0RA00
PLEXIGLAS® XT colorless 0RA45
PLEXIGLAS® XT colorless 0RA65
PLEXIGLAS® XT colorless 0RA75

Manufacturer:

Röhm GmbH
Acrylic Products
Riedbahnstrasse 70
64331 Weiterstadt

Identity of Product:

PLEXIGLAS® XT colorless 0A000*
PLEXIGLAS® XT colorless 0A070
PLEXIGLAS® XT colorless 0RA00
PLEXIGLAS® XT colorless 0RA45
PLEXIGLAS® XT colorless 0RA65
PLEXIGLAS® XT colorless 0RA75

*Food Contact Regulations are valid for the above listed products. PLEXIGLAS® XT colorless sheets HC (hard coated) are not Food Contact compliant!

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 document delivers an evaluation of the use of this product in contact with foodstuffs with regard to the legislation in the European Union.

We hereby confirm that the above mentioned **PLEXIGLAS® XT colorless sheets** fulfil the requirements of the European Regulation (EU) 10/2011 (and related amendments 2020/1245; 2019/338) 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.

PLEXIGLAS® XT colorless sheets like above mentioned were 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.

PLEXIGLAS®XT colorless sheets are 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.

PLEXIGLAS®XT colorless sheets 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 **PLEXIGLAS® XT colorless 0RA00**, **PLEXIGLAS® XT colorless 0RA45**, **PLEXIGLAS® XT colorless 0RA65** and **PLEXIGLAS® XT colorless 0RA75** a surface-to-food ratio of 1 dm²/kg may not be exceeded.

For **PLEXIGLAS® XT colorless 0A000** and **PLEXIGLAS® XT colorless 0A070** a surface-to-food ratio of 2,5 dm²/kg may not be exceeded.

Due to technical reasons we only recommend **PLEXIGLAS®** Products applications up to 70°C for a short time in permanent uses.

PLEXIGLAS® XT colorless sheets 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 **PLEXIGLAS®** Products. Migration tests with > 20 % Ethanol food simulant will fail. Please ask our technical service for chemical resistance.

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 **PLEXIGLAS®XT colorless sheets**, 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 see for further information about the product our

- technical datasheet
- SDS and
- chemical resistance list.

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 all mentioned food contact regulations. Verification of compliance with migration limits (OML and SML) should be carried out in accordance to the rules.

We would like to point out that it is in the unique 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 base.

The manufacturer of food contact materials or articles, containing this product as a component, must in particular ensure 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 given in this Supplier Declaration are based on our present knowledge and experience. All information are intended for persons having the required skill and know-how and do not relieve you from verifying the suitability of the information given for a specific purpose prior to use by testing, which should be carried out only by qualified experts. Use or application of such information is at your sole responsibility and risk, without the liability on the part of Röhm GmbH.

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Disclaimer:

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