

CERTIFICATE OF CONFORMANCE

According to EU regulation 10/2011 and amendments up to 2023/1442

For plastic materials intended to come into contact with food

Manufacturer

Polycasa GmbH
Gassnerallee 40
D-55120 Mainz
Germany

Identity of Article

Sheets: extruded, flat panels made from Poly methyl methacrylate, high impact modified, clear or coloured

Tradename

PERSPEX® XT IM 60, IM 50, IM 40

Conformance with regulations

PERSPEX® XT high impact modified sheets are in conformity with the requirements of **EU regulation 1935/2004/EU** (inclusive article 3, Good manufacturing practice, **EU 2023/2006**) for materials and articles intended to come into contact with food, repealing Directives 80/590/EEC and 89/109/EEC.

The monomers and other starting substances used in production comply with the provisions of **EU Regulation 10/2011, its amendments, and the LFGB**. PERSPEX® XT impact modified sheets meet the required specific limits of the monomers and additives used. Migration values (tests according to EN 1186 by the Fraunhofer Institute) are well below the required limits. Our sheets also comply with recommendation XXII of the Federal Institute for Risk Assessment.

No addition of dual-use additives therefore we confirm compliance with the purity demands of 2008/60/EC, 2008/84/EC and 95/45/EC.

The used colour agents are meeting the purity demands of the European Resolution AP (89).

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The sheets are made from PMMA polymer. Substances which are under restriction of EU regulation 10/2011 as follows:

Substances of the groups 23, 22, 12 and additives each with specific migration limits.

Group restriction No	SML(T) [mg / kg]
22	6
23	6
12	30
FCM substance No	633

Compliance tests for overall migration

Examinations to verify the specific migration limits were carried out at Fraunhofer Institute for packaging and process engineering, D-85354 Freising, Germany, in accordance with the specification of ordinance **EU 10/2011**, table 3, "standardized testing conditions", **test number OM2 (10 d at 40°C)**.

Test OM2 covers also food contact conditions for OM1 and OM3. (See below specifications of use). The used contact area was 0, 62 dm² /40ml volume.

Results of	Specific migration limits [mg / kg]	Volume related migration [mg/kg]	Area related migration [mg/dm ²]
Substance group 23	6 mg / kg	0,08	0,01
Substance group 22		0,04	0,006
Substance group 12	30 mg / kg	0,07	0,01
FCM No 633		0,35	0,06

Migration test condition: 10 days at 40°C

Overall migration 0.54 mg / kg

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Specification for the use of the semi-finished product in contact with foodstuffs

The standard test conditions (Regulation 10/2011/EC: Plastics in contact with food) OM 1 (10 days at 20°C), OM 2 (10 days at 40°C) and OM 3 (2 hours at 70°C) allow the contact of all foodstuffs under freezing and refrigeration conditions and any long-term storage of foodstuffs at room temperature and below.

Furthermore, the semi-finished product / plastic sheet can be heated to 70°C for up to 2 hours or even to 75°C for up to 15 minutes.

Heating for longer periods may cause deformation of the semi-finished product / plastic. The continuous service temperature for PERSPEX XT sheets (see technical data sheet) is 65°C.

The data are for guidance and apply only to the original semi-finished product and not to articles manufactured from it.

Conditions of use which exceed the standard test conditions specified in Regulation 10/2011/EC have not been tested.

They are to be provided by the manufacturer of the material or article on his own responsibility.

Special notices:

We deliver plastic sheets, which are subject to further processing steps.

Machining, thermal forming, assembling, gluing and as well surface treatments as printing, polishing, could influence and contaminate the product. So the above – mentioned declaration does not relate to finished article only to the delivered sheets.

The manufacturer or user has to verify whether the product is suitable for its final application, e.g. whether the final product might affect the taste or smell of food or whether the limitations (e.g. global migration, specific limits and other analytic requirements) are observed.

The information in this certificate is based on our knowledge and experience to date. It does not release the user from the obligation of carrying out own tests and trials, in view of the many factors that may affect processing and application; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.