

CERTIFICATE OF CONFORMANCE

acc. to EU regulation 10/2011 and its amendments up to 2016/1416 for plastic materials intended into contact with food

MANUFACTURER:

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IDENTITY OF ARTICLE

SHEETS: extruded, flat panels made from PETG (deliverer: Eastman, Spectar[™] Copolyester 14471[★])

TRADENAME

H I P E X[®] G

CONFORMANCE WITH REGULATIONS

Sheets are in conformity with the requirements of **EU regulation 1935/2004/EU** (inclusive article 3, **Good Manufacturing Practice, EU 2023/2006**) on materials and articles intended to come into contact with food, repealing Directives 80/590/EEC and 89/109/EEC. The used monomers and other raw materials meet the requirements of **EU regulation No 10/2011**. POLYCASA sheets correspond to the requested specific migration restrictions of the used raw materials.

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.

Remark regarding the requirements of GMP:

The standard – protection foil (white / blue printed) is not proved for food contact. In case of food contact application of PETG sheets a blank, food contact approved foil could be ordered.

Please consider this when ordering sheets.

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Sheets are made from PETG granules of Eastman company*.

Following substances of PETG are under restriction of (EU) regulation 10/2011:

Substances of the groups 28 and 2 with specific migration limits

Group restriction number	SML(T) [mg / kg]
28	7.5
2	30

COMPLIANCE TESTS FOR OVERALL MIGRATION

Examinations to verify the specific migration limits were carried out in accordance with the specification of ordinance **EU 10/2011** and **FDA regulation 21 CFR 177.13.15** at Eastman* laboratories, with 3% acetic acid, 10% ethanol and simulant D, amongst others, according to conditions OM 2 (including 2 hours at 70°C followed by 10 days at 40°C). Test conditions OM2 also cover requirements of OM1 and OM3. The final product meets the overall migration limit of 60 mg/kg of food or 10 mg/square decimeter of the plastic.

Results of	Specific migration limits [mg/kg]	Area related migration [mg/dm ²]
Group 28	7,5 mg/kg	0.002 – 0.26
Group 2	30 mg/kg	

SPECIFICATION ON THE USE OF THE SHEETS IN CONTACT WITH FOOD

ANY FOOD CONTACT is allowed; under refrigeration- and cooling conditions, any long term storage at room temperature and below, including heating up to 70 °C for up to 2 hours.

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SPECIAL NOTICES :

POLYCASA delivers semi-finished 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.

**TECHNICAL SERVICE
POLYCASA**

February 2018

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.

***Eastman and Spectar are trademarks of Eastman Chemical Company**

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ZUR BEACHTUNG

POLYCASA liefert Halbzeuge, die weiteren Verarbeitungsschritten unterliegen.

Spanende, thermische, fügende oder auch Oberflächen behandelnde Bearbeitungsschritte und dabei mögliche Kontaminationen entziehen sich unserem Einfluss, deshalb gelten vorstehende Angaben nur für das gelieferte Halbzeug.

Hersteller bzw. Verwender sind für die Eignung der aus dem Halbzeug gefertigten Bedarfsgegenstände und für den vorgesehenen Anwendungszweck, wie die geschmackliche und geruchliche Beeinflussung des Füllgutes und die Einhaltung von Begrenzungen (z.B. Globalmigration, spezifische Begrenzungen und weitere analytische Anforderungen) verantwortlich.

Juli 2017**TECHNICAL SERVICE
POLYCASA**

Die Angaben in diesem Schreiben basieren auf unseren derzeitigen Kenntnissen und Erfahrungen. Sie befreien den Bearbeiter wegen der Fülle möglicher Einflüsse bei Verarbeitung und Anwendung unserer Produkte nicht von eigenen Prüfungen und Versuchen. Etwaige Schutzrechte sowie bestehende Gesetze und Bestimmungen sind vom Empfänger unserer Produkte in eigener Verantwortung zu beachten.

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