# DECLARATION OF COMPLIANCE FOR FOOD CONTACT ARTICLES


February 20, 2018

Polyester Thermal Lamination Film Type:

## PlatinumPET™ (0.8 mil – 10 mil) Gloss, Matte, PlatinumGS™, DigiBOND™, and LuxeFilms® Mirror Metalized™

Polyester thermal lamination film in all above products branded as Platinum® / LuxeFilms® is designed for use in paper lamination for menus, book covers, secondary packaging, posters/signs, etc., and can also be used in food packaging applications.

## CONFORMANCE
## EUROPEAN UNION (EU) FOOD CONTACT

We hereby confirm that the monomers and additives used to manufacture these products are listed in EU Regulation 10/2011 (relating to plastic materials and articles intended to come into contact with food, which it replaces Commission Directive 2002/72/EC and its amendments). The above product has been independently tested for overall migration with the simulants and test conditions listed below as defined in Commission Directive (EU) No. 10/2011 of January 2011 Annex III and Annex V for section of condition and EN1186-1:2002 for selection of test method;

| Simulant | Test Condition | Result (mg/dm²) | Detection Limit (mg/dm²) | Permissible Limit (mg/dm²) |
|---|---|---|---|---|
| 3% Acetic Acid (W/V) Aqueous Solution | 10 Days at 40°C | <3 | 3.0 | 10 |
| 10% Ethanol (V/V) Aqueous Solution | 10 Days at 40°C | <3 | 3.0 | 10 |
| Rectified Olive Oil | 10 Days at 40°C | <3 | 3.0 | 10 |
| 50% Ethanol (V/V) Aqueous Solution | 10 Days at 40°C | <3 | 3.0 | 10 |
| Poly (2,6-diphenylp-phenylene oxide) (MPPO) | 10 Days at 40°C | <3 | 3.0 | 10 |
| Comment | - | PASS | - | - |

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Also, specific migration of heavy metal is tested as method reference to EN13130-1:2004

| Test Item | Result (mg/kg) | Detection Limit (mg/kg) | Permissible Limit (mg/kg) |
|---|---|---|---|
| Specific Migration of Aluminum | Not Detected | 0.1 | 1** |
| Specific Migration of Barium | Not Detected | 0.25 | 1 |
| Specific Migration of Cobalt | Not Detected | 0.05 | 0.05 |
| Specific Migration of Copper | Not Detected | 0.25 | 5 |
| Specific Migration of Iron | Not Detected | 0.25 | 48 |
| Specific Migration of Lithium | Not Detected | 0.5 | 0.6 |
| Specific Migration of Manganese | Not Detected | 0.25 | 0.6 |
| Specific Migration of Zinc | Not Detected | 0.5 | 5** |
| Specific Migration of Nickel | Not Detected | 0.01 | 0.02*** |
| Comment | PASS | - | - |

**The limits of Aluminum and Zinc according to Commission regulation (EU) 2016-1416
***The limits of Nickel according to Commission regulation (EU) 2017/752

## US FOOD AND DRUG ADMINISTRATION (FDA)

The polyester base film complies with FDA regulations 21 CFR § 177.1630 section (a) (films consist of a base sheet of ethylene terephthalate polymer) and as specification therein (a), (b) and (c) with regarding to net result of chloroform soluble fraction obtained from these films under the below mentioned conditions:

Distilled water at 49°C (120°F) for 24 hours;
n -Heptane at 49°C (120°F) for 24 hours;
8% Ethyl Alcohol at 49°C (120°F) for 24 hours;

For use in contact with all types of foods except (a) those containing more than 8% alcohol, or (b) those at temperatures over 49°C (120°F).

Thus above mentioned Platinum® / LuxeFilms® polyester thermal laminate films are suitable for food grade applications and the films are used in accordance with the Good Manufacturing Practice - GMP regulation (defined in 21 CFR 174.5) (In case of chemical treatment: The chemical primer may be used in contact with all types of food under all conditions of use that are technically suitable for this film, and such use may properly be described as complying with the Food, Drug, and Cosmetic Act of 1958 and all applicable indirect food additive regulations).

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Please note that it is the responsibility of both the manufacturer of the finished food contact articles as well as the industrial food packer to ensure that the finished articles are in actual compliance with the specific and global migration limits. Our tests on the film cannot replace migration tests on the finished articles.

## OTHER REGULATIONS

In accordance with the framework directive 89/109/EEC, this film is produced with good manufacturing practice (defined as compliance § 31(1) of the German LMBG and US 21 CFR § 175.5), under a quality management system certified to be in compliance with DIN EN ISO 9001.

We confirm that the heavy metals cadmium, mercury, lead and chromium6+ as such and their compounds are not used in the production of these films (PlatinumPET™ (0.8mil - 10.0mil) Gloss, Matte, PlatinumGS™, DigiBOND™ and LuxeFilms® Mirror Metalized™ PET). The sum of these heavy metals from possible contaminations is below 100 ppm (DIN 38 406) and complies with Article 11 of EC Directive 94/62 EC (packaging and packaging waste) as well as with the CONEG Legislation in the USA.

These laminate films are not subject to label and hazardous chemical and are not classified as endangering to water. As waste, it does not require monitoring under the German waste Avoidance and Waste Management Act.

These laminate films (PlatinumPET (0.8mil - 10.0mil) Gloss, Matte, PlatinumGS™, DigiBOND™, and LuxeFilms® Mirror Metalized™ PET) do not contain “BADGE” (Bisphenol A Diglycidyl Ether) or related compounds (“BFDGE” and “NOGE”) and thus conforms to the requirements of EU Directive 2002/16 EC.

## DISCLAIMER

The raw materials used in the manufacture of PlatinumPET™ (0.8 mil – 10 mil) Gloss, Matte, PlatinumGS™, DigiBOND™, and LuxeFilms® Mirror Metalized™ are technical raw materials and therefore do contain process-related additives and impurities. Therefore, the above specified confirmations are based on Material Data Sheets and other information which were made available to us by our suppliers. Additional laboratory tests were not conducted by us.

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The information and recommendations contained herein are based upon data believed to be up-to-date and correct. Nobelus® assumes no responsibility and disclaims all liability, if the damage is caused by improper use, unsuitable application purposes, and other parameters out of Nobelus® sphere of influence. In using our products, customers and users must comply with all applicable health and safety laws and regulations, in particular, customers are under obligation to carry out a risk assessment for the particular work places, a safety assessment under the (EU) food contact legislation and to adequate risk management measures. Although this material may have direct and/or indirect food safety certification(s), Nobelus® facilities do not claim to carry any food safety certifications.

The confirmation is valid from the date of issue and replaces all previous versions of this document, thereby invalidating them.

By following the above mentioned regulations, Nobelus® has fulfilled our duty of care regarding the conformance of the products we supply with legislation governing food contact applications. It is the responsibility of the user to test the suitability of our products for the intended application. We accept no liability for losses arising from inadequate suitability of our products for the food medium being used by you.

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