

# **OPTIMAX**

**PACKAGING & CO**

## **Certificate on Food Law Compliance for PA/PE Vacuum-Pouches and Shrink-Bags**

OPTIMAX Packaging GmbH & Co. KG, Lütten Barg 17, D-22850 Norderstedt, herewith certifies that

### **Vacuum-Pouches and Shrink-Bags**

which are supplied to

**Steffen Olsen's EFTF - v / Lone og Brian Eriksen, DK-5270 Odense**

comply with all relevant EEC food law regulations.

The above composite laminates are suitable for food packaging including fatty foods where the food is in contact with the sealant layer.

#### **EEC**

This compositional compliance status certification covers the EEC Commission Directive 2002/72/EEC of 06.08.2002 and its corrigenda of 13.02.2003, and 90/128/EEC relating to plastic materials and articles likely to come in contact with foodstuff published 23.02.1990 corrigenda 13.12.1990; also the 7 amendments 92/39 EEC of 14.05.1992, 93/9/EEC of 15.03.1993, 95/3/EEC of 14.02.1995, 96/11/EEC of 05.03.1996, 99/91/EEC of 23.11.1999, 01/62/EEC of 09.08.2001, 02/17/EEC of 21.02.2002 and 2004/19/EG of 01.03.2004.

The monomers used are all listed in section A of annex II of 2002/72/EC.

The polymer grande does contain some additives that are listed in annex III section B of 2001/62/EC.

All resins do comply with 2002/16 EEC concerning BADGE, BFDGE and NODGE.

The polymer grandes are in compliance with the relevant heavy metal requirements of 94/62/EC (packaging and packaging waste directive); the regulation does require that the sum of the four specific heavy metals, such as lead, cadmium, mercury and hexavalent chromium, is below 100 ppm in packaging.

#### **Austria:**

Kunststoffverordnung No. 775 (23/09/94) – Bundesgesetzblatt No. 243 (KVO) and subsequent ammendements.

#### **Belgium:**

Koninklijk besluit betreffende materialen en voorwerpen bestemd om met voedingsmiddelen in aanraking te komen 11.05.1992 and ist ammendements of 09.07.1993 and 20.09.1998.  
Royal Decree 11/5/92 published in Moniteur Belge 24/7/92.  
Royal Decree 9/7/93 published in Moniteur Belge 9/11/93.  
Royal Decree 24/11/97 published in Moniteur Belge 13/2/98.

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### **CH:**

Bundesgesetz über Lebensmittel und Gebrauchsgegenstände (Lebensmittelgesetz, LMG), Stand Oktober 1992.  
Vorordnung über Materialien und Gegenstände aus Kunststoffen (KaV) 26.06.1995 and subsequent amendments.

### **Denmark:**

Sundhetsministeriets Bekendtgørelse 239 of 30.03.94.  
Sundhetsministeriets Bekendtgørelse 931 (06/12/95), 1084 (04/12/96), 1215 (18/12/00)

### **Finnland:**

Kaappa- ja teollisuusministeriön päätös elintarvikkeen kanssa kosketukseen joutuvista muovisista tarvikkeista.

### **France:**

1997 edition brochure number 1227 matériaux au contact des denrées alimentaires, Arrêté of 30.09.1997, Journal Officiel Français of 19.10.1997.

### **Germany:**

Bedarfsgegenständeverordnung Stand 21.12.2000 and subsequent amendments,  
Empfehlung III Polyethylen BFR, Stand 01.01.2003.  
Empfehlung X „Polyamide“ aus „Kunststoffe Im Lebensmittelverkehr“ des Bundesinstitutes für gesundheitlichen Verbraucherschutz und Veterinärmedizin (BgVV), Stand Juni 1998.  
Neufassung der Bedarfsgegenständeverordnung vom 23.12.1997, zuletzt geändert 07.04.2003.

### **Italy:**

Decreto Ministrale: Allegato II, Sezione 1, parti A e B del d.m. 21.03.1973 Decreto del Presidente della Repubblica 23.08.1992, no. 777 e decreto Legislativo no. 108 (25.01.92).  
Decree of ministry of health no. 220 of 26.4.93.  
Ministral Decree no. 735 of 28.10.94.  
Ministral Decree no. 572 of 24.09.96.  
Decree of the ministry of health no. 91 of 06.02.97.  
Decree of the ministry of health no. 210 of 15.06.00.

### **Netherlands:**

Verpackingen en Gebruiksartikelenbesluit 1979 (Warenwet) and 16 supplements, chapter I.  
Verpackingen en Gebruiksartikelenbesluit (Warenwet), 12e suppl, October 1999.

### **Norway:**

Porskrift om materialer og gjenstander i kontakt med næringsemidler

### **Spain:**

Reglamentacion Technico-Sanitaria (BOE 4 june 1982) anexo 1 (BOE 24 november 1982).  
Real Decreto 211/1982 (6/3/92) and amendments 1769/1993 (8/10/93), 2207/1994 (16/11/94), and 1042/1997 (27/06/97), 442/2001 (27/04/01) and 118/2003 (31/01/03).

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### **Sweden:**

Tatens livsmedelsverks kungörelse om ändring i kungörelsen (SLV FS 1993:18) med föreskrifter och allmänna råd om material och produkter avsedda att komma i kontakt med livsmedel.

### **UK:**

SI number 1523. The materials and articles in contact with food regulations 1987.

SI number 1376. The plastic materials and articles in contact with food regulations 1998.

SI number 3162. The plastic materials and articles in contact with food (England) regulations 2000.

SI number 2364. The plastic materials and articles in contact with food regulations 2002.

SI number 3008. The plastic materials and articles in contact with food regulations 2002.

SI number 402. Plastic materials and articles in contact with food regulations 2000 (Northern Ireland).

SI number 431. The plastic materials and articles in contact with food regulations 2000 (Scotland).

SI number 1263 (W70). The plastic materials and articles in contact with food regulations 2000 (Wales).

### **USA/FDA:**

Under suitable conditions of use OPTIMAX laminates complies with the following FDA regulations:

Polyethylene 21 CFR 176.170 (c), 21 CFR 177.1520 for olefin polymers (c) 2.1 & 2.2, 21 CFR 177.1350 (b) for Ethylene-vinyl-acetate copolymers and 21 CFR 177.1500 of 01.04.2003 for nylon resins.

### **Migrational requirements**

It can be expect from previous experience and data that the above films will pass the overall migration tests for all food types and many normal applications.

As overall migration depends on end-use conditions, we should mention that also the responsibility of the user of the packaging material to assure migrational compliance of the final package for the intended usage conditions.

We are exporter for a.m. products. Original certificates of producers are in our files.

OPTIMAX Packaging GmbH & Co. KG

Claus Oppermann

Norderstedt, 17.11.2009

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Juni 17 2008

### **Migrationtests and values for Vacuum Poser PAPE 20/70**

Dear Brian and Lone,

We have got now a report of an external Laboratory of a Migration Test for a.m. products.

**Summary:** The investigated material (Vacuum Poser 90 micron from Optimax) is suitable to be used in contact with all foodstuffs according to EU-regulation 1935/2004 & Kunststoffrichtlinie Germany 2002/72/EG incl. add-ons.

#### **Results:**

Typ of film: flexible Laminated film, based on PA/PE  
Application: Film used for bagmaking of Pouches (Vacuum Poser)  
(3 side sealed Vacuumpouches)  
rules for migrationtest: 30 minutes at 60°C, afterwards 2 days at 20°C  
Food-Simulant: Isinktan as alternative for fat  
Testmodus: 1 - side-contact with film innerlayer (Cell-method)  
final Result: 2,6 mg/dm<sup>2</sup>

#### **Conclusion:**

The tests confirmed that the square-based migration value is far below the reference level of 10,0 mg /dm<sup>2</sup> according to guideline 2002/72/EG Art.