

מוסד הטכניון למחקר ופתוח בע"מ

TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD.



המעבדה לאריזה
PACKAGING LABORATORY

A.M.G. Plastic and Packaging LTD. Fax: 04 9564386
YARKA 24967 28/1/2007
Att: Mohiba

Mdm,

Re: Migration tests according to EU Directives and Israeli standard 5113 from Polyester (PET) products, manufactured by "A.M.G"

Description of samples: Polyester packaging products, sheets and trays manufactured by "A.M.G" and intended to come in contact with food products. The samples were selected and delivered to the Packaging Laboratory by the client

Purpose of tests: Migration from the samples in order to test their suitability to come in contact with food products.

Methods of tests: The overall migration tests were done according to EU Directives and Israeli standard 5113 as follows:

1. Directive 85/572/EEC, Official Journal of the European Communities, No L372/16: Annex List of Simulants.
2. Directive 90/128/EEC, Official Journal of European Communities, No. L75/21: L75/22, and its amendments up to 2002/17/EC.
3. Directive 2002/72/EC and amendments 2004/1/EC and 2004/19/EC.
4. Directive 82/711 and amendment 97/48/EEC.
5. 6. DD ENV 1186: Materials and articles in contact with foodstuffs – Plastics, parts 1-16.
6. Israeli standard 5113: Plastic materials and plastic articles in contact with food and beverages.

The tests performed included overall migration from the PET samples into 3% acetic acid (the appropriate simulant) at 40°C for 10 days followed by evaporation of the simulant and determination of the residual extract (total migration).

Migration into an oil simulant (isooctane) was done according to Directive 97/48/EC. The test conditions were 48 hours at 20°C. These conditions are equivalent to 10 days at 40°C with olive oil.

AMG7E

5. Feb. 2008 16:45 A.M.G. PLASTICS LTD. ת.ד. 32 000, חיפה 04-8222451, 8222659, 8222903. טל: 04-8222451, 8222659, 8222903. פקס: 04-8222451, 8222659, 8222903. No. 5994 P. 5