

DOCUMENT 7B/1

**KUMHO  
PETROCHEMICAL**

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File No. : QA-2012-112

Issued Date : Jul. 02, 2012

Receive :

Reference :

Title : Food statement on Regulation (EU) No 10/2011

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**Product Information**

Grade : SAN 335T

Our mentioned product contains substances listed in authorised monomers and other starting substances, additives and polymer production aids of ANNEX I of Commission Regulation (EU) No 10/2011 on plastic materials and articles in contact with food.

- The Monomers and other starting substances listed in ANNEX I
  - Acrylonitrile, CAS No 107-13-1, SML = not detectable
  - Styrene, CAS No 100-42-5

The product does not contain substances authorized as food additives or flavouring with restrictions in the applicable EC directives.

Quality Assurance Manager  
Cheol Hee Yoon

A handwritten signature in black ink, appearing to be 'CHY' or similar, written below the printed name.



## Test Report

No. 2254030/JL

Date : Jul 11 2012

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KUMHO PETROCHEMICAL CO., LTD.  
#45-25, SEONGAM-DONG  
NAM-GU, ULSAN 680-140  
KOREA

The following sample was submitted and identified on behalf of the client as SAN 335T.

SGS Job No. : 4275036  
SGS Ref. No. : AYAA12-23413  
Material : SAN  
Sample Receiving Date : JUN 18 2012  
Testing Period : JUN 19 – JUL 05 2012

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

| Test Requested                                  | Conclusion |
|---|------------|
| European Commission Regulation (EU) No 10/2011. | --         |
| a) Plastic – Overall migration                  | PASS       |
| b) Specific Migration of Heavy Metals           | PASS       |

Signed for and on behalf of  
SGS Hong Kong Ltd.

Tam Yi Mei, Mei  
Section Manager

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Test Results :

### European Commission Regulation (EU) No 10/2011

a) Plastic – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods;  
EN 1186-3:2002 aqueous food simulants by total immersion method;  
EN 1186-2:2002 olive oil by total immersion method.

| Simulant Used                         | Test Condition  | Result<br>(mg/dm <sup>2</sup> ) | Reporting<br>Limit<br>(mg/dm <sup>2</sup> ) | Permissible<br>Limit<br>(mg/dm <sup>2</sup> ) |
|---------------------------------------|-----------------|---------------------------------|---|---|
|                                       |                 | 1                               |   |   |
| 3% Acetic Acid (W/V) Aqueous Solution | 10 days at 40°C | ND                              | 3.0   | 10  |
| 10% Ethanol (V/V) Aqueous Solution    | 10 days at 40°C | ND                              | 3.0   | 10  |
| Rectified Olive Oil                   | 10 days at 40°C | ND                              | 3.0   | 10  |
| <b>Comment</b>                        | --              | PASS                            | --  | --  |

### Sample Description :

1. Transparent Plastic

Note : 1. mg/dm<sup>2</sup> = milligram per square decimeter  
2. °C = degree Celsius  
3. ND = Not Detected

### Remark :

1. Test condition & simulants were specified by client.

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