



Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute  
American Society for Testing and Materials  
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited  
Hong Kong Toys Council

**TEST REPORT**

NUMBER: HKGH00798957

APPLICANT: KUMHO PETROCHEMICAL  
#45-25,  
SEONGAM-DONG,  
NAM-GU,  
ULSAN 680-140, KOREA  
ATTN: LEE KYUNG MI

DATE: Dec 15, 2008

SAMPLE DESCRIPTION:

ONE (1) SUBMITTED SAMPLE SAID TO BE **ABS BOARD IN NATURAL COLOR.**  
REFERENCE NO. : ABS 750SW.

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TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

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FOR AND ON BEHALF OF :  
INTERTEK TESTING SERVICES HK LTD.

KAREN S.C. NG  
GENERAL MANAGER





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TESTS CONDUCTED

1 MIGRATION TEST FOR PLASTIC FOOD CONTACTING MATERIALS/ARTICLES

AS PER EEC COMMISSION DIRECTIVE 2002/72/EC, SELECTION OF TEST CONDITION & FOOD SIMULANTS BY 82/711/EEC, 85/572/EEC, 93/8/EEC AND 97/48/EC.

I. CONDITION OF CONTACT IN ACTUAL USE :

TEMPERATURE BETWEEN 70°C AND 100°C FOR LESS THAN 15 MINUTES AND ROOM TEMPERATURE OR BELOW STORAGE FOR UNSPECIFIED PERIOD.

II. TEST CONDITION :

| <u>FOOD SIMULANT</u>                            | <u>TIME</u> | <u>TEMPERATURE</u> |
|---|-------------|--------------------|
| (A) DISTILLED WATER                             | 10 DAYS     | 40°C               |
| (B) 3% (w/v) ACETIC ACID<br>IN AQUEOUS SOLUTION | 10 DAYS     | 40°C               |
| (C) 10% (v/v) ETHANOL IN<br>AQUEOUS SOLUTION    | 10 DAYS     | 40°C               |
| (D) RECTIFIED OLIVE OIL                         | 10 DAYS     | 40°C               |

III. TEST RESULTS :

| <u>FOOD SIMULANT</u>                            | <u>RESULT (mg/dm<sup>2</sup>)</u> | <u>LIMIT (mg/dm<sup>2</sup>)</u> |
|---|-----------------------------------|----------------------------------|
| (A) DISTILLED WATER                             | <1                                | 10                               |
| (B) 3% (w/v) ACETIC ACID<br>IN AQUEOUS SOLUTION | <1                                | 10                               |
| (C) 10% (v/v) ETHANOL IN<br>AQUEOUS SOLUTION    | <1                                | 10                               |
| (D) RECTIFIED OLIVE OIL                         | <1                                | 10                               |

REMARK : < = LESS THAN

THE TESTING SCOPE OF THE STANDARD - EUROPEAN ECONOMIC COMMUNITY 2002/72/EC ARTICLE 2, WAS NOT APPLICABLE TO THE TESTED SAMPLE. HOWEVER THE RESULT DID NOT EXCEED THE LIMIT OF THE STANDARD.

DATE SAMPLE RECEIVED : NOV 28, 2008

TESTING PERIOD : NOV 28, 2008 TO DEC 13, 2008

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END OF REPORT

