



TEST REPORT

Applicant : DUCKSUNG HITECH CO., LTD.
Address : #225-2, Shinneung-ri, Seoun-myeon, Anseong-si,
Gyeonggi-do, Korea

Page: 1 of 4

Report No. RT12R-U0024-046-E

Date: Jan. 17, 2012

Sample Description : The following submitted sample(s) said to be:-

Name/Type of Product : PVC Insulation Tape[VTF]

Sample ID No. : RT12R-U0024-046

Item No. : 270D

Manufacturer/Vender : DUCKSUNG HITECH CO., LTD.

Sample received : Jan. 07, 2012

Testing Date : Jan. 07, 2012 ~ Jan. 17, 2012

Testing Environment : Temperature : (24 ± 2) °C, Humidity : (60 ± 5) % R.H.

Test Method(s) : Please see the following page(s).

Test Result(s) : Please see the following page(s).

* Note 1 : The test results presented in this report relate only to the object tested.

* Note 2 : This report shall not be reproduced except in full without the written approval of the testing laboratory.

* Note 3 : The item no. is assigned by client and indicated according to their requirement and guarantee letter.

Approved by,

E.Y.Lee / Lab. Technical Manager

Authorized by,

H.W.Yoo / Lab. General Manager

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Intertek Testing Services Korea Ltd.

Seoul Office: Tel : 02-6090-9500 Fax : 02-3409-0026 Daegu Office : Tel : 053-600-8647 Fax : 053-600-8645 Web Site : www.Intertek.co.kr

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Ulsan Lab. Address : #340-2, Yongam-Ri, Chongryang-Myun, Ulju-Gun, Ulsan 689-865 Korea



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Page: 2 of 4
Date: Jan. 17, 2012

Report No. RT12R-U0024-046-E

Sample ID No. : RT12R-U0024-046
Sample Description : PVC Insulation Tape[VTF]

| Test Item | Unit | Test Method | MDL | Result |
|--|-------|---|-----|--------|
| Cadmium (Cd) | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 0.5 | 3.3 |
| Lead (Pb) | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 5 | N.D. |
| Mercury (Hg) | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2 | N.D. |
| Hexavalent Chromium (Cr ⁶⁺) | mg/kg | With reference to US EPA 3060A and determined by UV-VIS Spectrophotometer | 1 | N.D. |
| Polybrominated Biphenyl (PBBs) | | | | |
| Monobromobiphenyl | mg/kg | With reference to US EPA 3540C, by solvent extraction and determined by GC/MS | 5 | N.D. |
| Dibromobiphenyl | mg/kg | | 5 | N.D. |
| Tribromobiphenyl | mg/kg | | 5 | N.D. |
| Tetrabromobiphenyl | mg/kg | | 5 | N.D. |
| Pentabromobiphenyl | mg/kg | | 5 | N.D. |
| Hexabromobiphenyl | mg/kg | | 5 | N.D. |
| Heptabromobiphenyl | mg/kg | | 5 | N.D. |
| Octabromobiphenyl | mg/kg | | 5 | N.D. |
| Nonabromobiphenyl | mg/kg | | 5 | N.D. |
| Decabromobiphenyl | mg/kg | | 5 | N.D. |
| Polybrominated Diphenyl Ether (PBDEs) | | | | |
| Monobromodiphenyl ether | mg/kg | With reference to US EPA 3540C, by solvent extraction and determined by GC/MS | 5 | N.D. |
| Dibromodiphenyl ether | mg/kg | | 5 | N.D. |
| Tribromodiphenyl ether | mg/kg | | 5 | N.D. |
| Tetrabromodiphenyl ether | mg/kg | | 5 | N.D. |
| Pentabromodiphenyl ether | mg/kg | | 5 | N.D. |
| Hexabromodiphenyl ether | mg/kg | | 5 | N.D. |
| Heptabromodiphenyl ether | mg/kg | | 5 | N.D. |
| Octabromodiphenyl ether | mg/kg | | 5 | N.D. |
| Nonabromodiphenyl ether | mg/kg | | 5 | N.D. |
| Decabromodiphenyl ether | mg/kg | | 5 | N.D. |

Tested by : YK Cho, HJ Kim, MB Song

Notes : mg/kg = ppm = parts per million
< = Less than
N.D. = Not detected (<MDL)
MDL = Method detection limit

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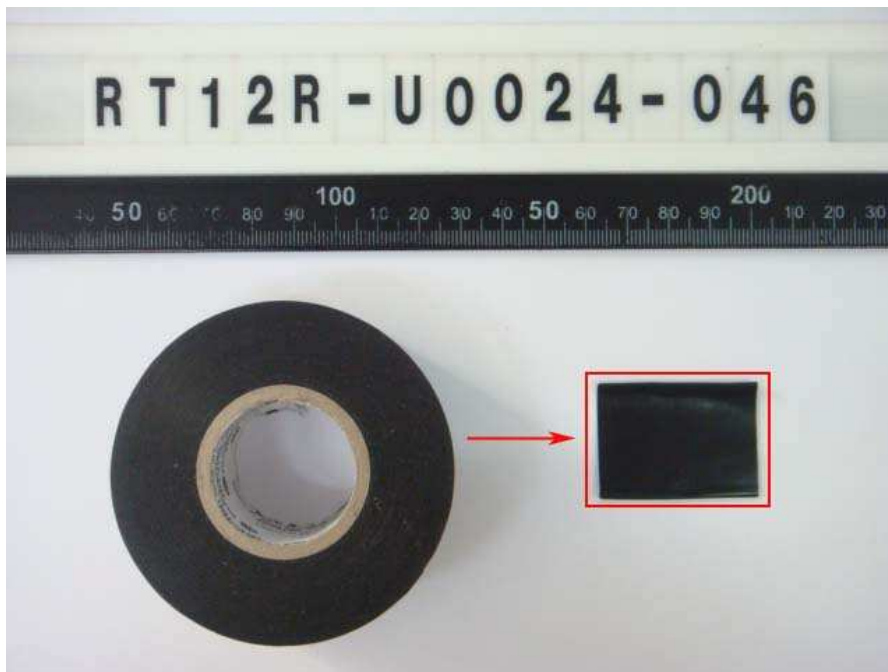
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Report No. RT12R-U0024-046-E

Sample ID No. : RT12R-U0024-046

Sample Description : PVC Insulation Tape[VTF]

* View of sample as received;-



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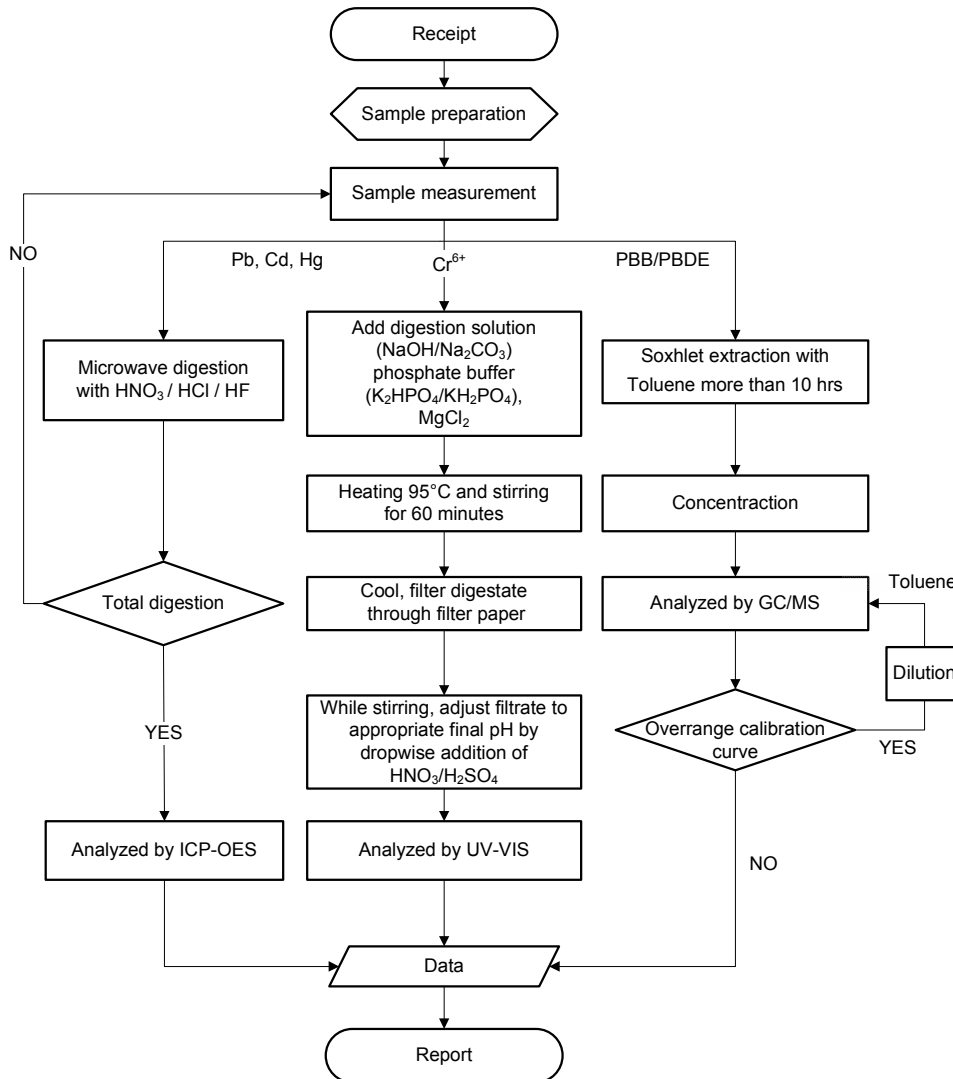
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Sample ID No. : RT12R-U0024-046

Sample Description : PVC Insulation Tape[VTF]

Flow Chart
(EPA 3052 for Cd, Pb, Hg / EPA 3060A for Cr⁶⁺ / EPA 3540C for PBB/PBDE)



** Remarks : The samples were dissolved totally by pre-conditioning method according to above flow chart.

***** End of Report *****

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