

1.) Sample information

Material Identification: **PET**

Testing Period: 17/Dec/2007 – 07/Jan/2008

2.) Applied analytical techniques

| | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sample preparation: | Pulverization/Homogenization of the sample material |
| Chromium, Lead, Cadmium: | Inductively coupled plasma atomic emission spectrometry acc. EN ISO 11885 after microwave digestion with nitric acid/hydrogen peroxide based on EPA 3051 A |
| Mercury: | Cold vapor atomic absorption spectrometry acc. DIN EN 1483 after microwave digestion with nitric acid/hydrogen peroxide based on EPA 3051 A |
| PBDE/PBB: | High resolution gas chromatography with mass-selective detector after soxhlet extraction with toluene based EPA 3540C |

3.) Analytical results

| Parameter | | Value | Limit according Directive 2005/618/EC | Comment | |
|----------------------|---------------------------|-------|---------------------------------------|---------|---------------------------------------|
| Cadmium (Cd) | | mg/kg | < 1 | 100 | |
| Lead (Pb) | | mg/kg | < 10 | 1000 | |
| Mercury (Hg) | | mg/kg | < 0.5 | 1000 | |
| Chromium, total (Cr) | | mg/kg | < 10 | 1000 | Hexavalent chromium, Cr (VI) |
| PBDEs | Monobromo diphenyl ether | mg/kg | < 5 | 1000 | Sum of polybrominated diphenyl ethers |
| | Dibromo diphenyl ether | mg/kg | < 5 | | |
| | Tribromo diphenyl ether | mg/kg | < 5 | | |
| | Tetrabromo diphenyl ether | mg/kg | < 5 | | |
| | Pentabromo diphenyl ether | mg/kg | < 10 | | |
| | Hexabromo diphenyl ether | mg/kg | < 10 | | |
| | Heptabromo diphenyl ether | mg/kg | < 10 | | |
| | Octabromo diphenyl ether | mg/kg | < 20 | | |
| | Nonabromo diphenyl ether | mg/kg | < 30 | | |
| | Decabromo diphenyl ether | mg/kg | < 50 | | |
| PBBs | Monobromo biphenyl | mg/kg | < 5 | 1000 | Sum of polybrominated biphenyls |
| | Dibromo biphenyl | mg/kg | < 5 | | |
| | Tribromo biphenyl | mg/kg | < 5 | | |
| | Tetrabromo biphenyl | mg/kg | < 5 | | |
| | Pentabromo biphenyl | mg/kg | < 10 | | |
| | Hexabromo biphenyl | mg/kg | < 10 | | |
| | Heptabromo biphenyl | mg/kg | < 10 | | |
| | Octabromo biphenyl | mg/kg | < 20 | | |
| | Nonabromo biphenyl | mg/kg | < 30 | | |
| | Decabromo biphenyl | mg/kg | < 50 | | |

Revision: A

Compliance List:

RoHS Directive 2002/95/EC
WEEE Directive 2002/96/EC
ELV Directive 2000/53/EC

Based on the performed tests on the submitted sample, the results **indicate no conflict** with the above directives and its subsequent amendments.



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