



**Test Report**                      **Number: LCZS09040074-E**                      **Date: Apr. 07, 2009**                      **Page 1 of 3**

Applicant                      :    FIL SONIC ELECTRONICS CO., LTD

Address                      :    YAMEN TOWN, XINHUI DISTRICT JIANGMEN CITY GUANGDONG CHINA

Date of Sample                      :    Apr. 02, 2009  
Received

Testing Period                      :    Apr. 02, 2009 to Apr. 07, 2009

Report on the submitted sample said to be:

Item Name                      :    PET film-268

Buyer                      :    /

Supplier                      :    /

Other Information                      :    /

**Test Request**

**Conclusion**

- (1) European council directive **2002/95/EC & 2005/618/EC** -  
Restriction of hazardous substances (**RoHS**)  
-Heavy Metal Lead (Pb), Cadmium (Cd), Mercury (Hg) , Hexavalent Chromium (Cr<sup>6+</sup>) And Flame Retardant Polybrominated Biphenyls & Polybrominated Biphenyl Ethers (PBBs & PBDEs) test.

**Pass**

Please see the next page(s) for details.

Signed for and on behalf of **LCTECH**



Part (A) Test result summary.

Testing Item	Result (IN mg/kg)	RoHS Requirements
	(1)	(IN mg/kg )
Cadmium (Cd)	ND (<2)	<100
Lead (Pb)	ND (<2)	<1000
Mercury (Hg)	ND (<2)	<1000
Chromium (VI) (Cr <sup>6+</sup> )	ND (<1)	<1000
Polybrominated Biphenyls (PBBs)	— —	<1000
Monobromobiphenyl (MonoBB)	ND (<5)	
Dibromobiphenyl (DiBB)	ND (<5)	
Tribromobiphenyl (TriBB)	ND (<5)	
Tetrabromobiphenyl (TetraBB)	ND (<5)	
Pentabromobiphenyl (PentaBB)	ND (<5)	
Hexabromobiphenyl (HexaBB)	ND (<5)	
Heptabromobiphenyl (HeptaBB)	ND (<5)	
Octabromobiphenyl (OctaBB)	ND (<5)	
Nonabromobiphenyl (NonaBB)	ND (<5)	
Decabromobiphenyl (DecaBB)	ND (<5)	
Polybrominated Diphenyl Ethers (PBDEs)	— —	
Monobromodiphenyl Ether (MonoBDE)	ND (<5)	
Dibromodiphenyl Ether (DiBDE)	ND (<5)	
Tribromodiphenyl Ether (TriBDE)	ND (<5)	
Tetrabromodiphenyl Ether (TetraBDE)	ND (<5)	
Pentabromodiphenyl Ether (PentaBDE)	ND (<5)	
Hexabromodiphenyl Ether (HexaBDE)	ND (<5)	
Heptabromodiphenyl Ether (HeptaBDE)	ND (<5)	
Octabromodiphenyl Ether (OctaBDE)	ND (<5)	
Nonabromodiphenyl Ether (NonaBDE)	ND (<5)	
Decabromodiphenyl Ether (DecaBDE)	ND (<5)	

Remark:

mg/kg = parts per million = ppm.

ND = Not detected (less than method detection limit).

&lt; = Less Than.

Part (B) Test method and method detection limit (MDL) .

Testing Item	Testing Method	MDL
Cadmium (Cd)	With reference to IEC 62321 :2008, by acid digestion and determined by ICP-OES	2 mg/kg
Lead (Pb)	With reference to IEC 62321 :2008, by acid digestion and determined by ICP-OES	2 mg/kg
Mercury (Hg)	With reference to IEC 62321 :2008, by acid digestion and determined by ICP-OES	2 mg/kg
Chromium (VI) (Cr <sup>6+</sup> )	With reference to IEC 62321 :2008, by alkaline digestion and determined by UV-VIS spectrophotometer	1 mg/kg
Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs)	With reference to IEC 62321 :2008, by solvent extraction and determined by GC/MS	5 mg/kg

Tested Components:

(1) White plastic film.

**Photo of The Sample**



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End of Report