

Banned Substances Report Generated 08/17/05.
 Reference Report No.: CE/2005/82094 & CE/2005/31479 (3/14/05)

RoHS Compliance

Product Type: ISOCOUPLER® Photo Couplers & ISOMOS® Photo MOS Relays
Part Number Series: WPPC series, WPPM series*

Test Result

PART NAME NO. 1: MIXED ALL PARTS (PLEASE REFER TO THE PHOTO ATTACHED)

Test Item (s):	Unit	Method	MDL	Result
				No. 1
Monobromobiphenyl	%	With reference to US EPA 3540C or US EPA 3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (Prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC). CE/2005/31479: CAS NO: 059536-65-1	0.0005	N.D.
Dibromobiphenyl	%		0.0005	N.D.
Tribromobiphenyl	%		0.0005	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.
Pentabromobiphenyl	%		0.0005	N.D.
Hexabromobiphenyl	%		0.0005	N.D.
Heptabromobiphenyl	%		0.0005	N.D.
Octabromobiphenyl	%		0.0005	N.D.
Nonabromobiphenyl	%		0.0005	N.D.
Decabromobiphenyl	%		0.0005	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%			-
Monobromobiphenyl ether	%	With reference to US EPA 3540C or US EPA 3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (Prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC).	0.0005	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.
Total PBBEs (PBDEs) (Polybrominated biphenyl ethers)/ Sum of above	%			-

N.D. = Not Detected (<MDL)
 ppm = mg/kg
 MDL = Method Detection Limit
 "-" = No Regulation

*except for WPPM-1024S, WPPCT-N10, 7, or 544S, WPPCT-N10, 7, or 564S, WPPCT-Z10, 7, or 544S, WPPCT-Z10, 7, 564S series.

Banned Substances Report Generated 08/17/05.
Reference Report No.: CE/2005/82094 & CE/2005/31479 (3/14/05)

RoHS Compliance

Product Type: ISOCOUPLER® Photo Couplers & ISOMOS® Photo MOS Relays
Part Number Series: WPPC series, WPPM series*

Test Result

PART NAME NO. 1: MIXED ALL PARTS (PLEASE REFER TO THE PHOTO ATTACHED)

Test Item (s):	Unit	Method	MDL	Result No. 1
Chromium VI (Cr + 6)	ppm	CE/2005/82094: UV-VIS after reference to US EPA 3060A. CE/2005/31479: As per US EPA 7196A and US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference US EPA 3050B or other acid digestion.	2	N.D.

N.D. = Not Detected (<MDL)
ppm = mg/kg
MDL = Method Detection Limit
“-” = No Regulation



*except for WPPM-1024S, WPPCT-N10, 7, or 544S, WPPCT-N10, 7, or 564S, WPPCT-Z10, 7, or 544S, WPPCT-Z10, 7, 564S series.