

TEST REPORT

NUMBER : THJ0043131

APPLICANT: SHIN-ETSU SILICONE TAIWAN CO. LTD., DATE : APR 16, 2007
25, KUANG FU S. RD,
HSIN-CHU IND. PARK, HSIN-CHU,
TAIWAN, R.O.C.

SAMPLE DESCRIPTION:

ONE (1) GROUP OF SUBMITTED SAMPLES SAID TO BE :

TYPE OF PRODUCT : SILICONE RUBBER

STYLE/ITEM NO. : KE-785U (612362)

DATE SAMPLE RECEIVED : APR 10, 2007

DATE TEST STARTED : APR 11, 2007

TEST CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS PLEASE REFER TO ATTACHED PAGES.

CONCLUSION:

<u>TESTED SAMPLE</u>	<u>STANDARD</u>	<u>RESULT</u>
SUBMITTED SAMPLES	RESTRICTION OF HAZARDOUS SUBSTANCES (RoHS) TEST - AS PER APPLICANT'S REQUEST WITH REFERENCE TO 2002/95/EC AND AMENDMENT 2005/618/EC	PASS

AUTHORIZED BY:

ON BEHALF OF INTERTEK TESTING SERVICES
TAIWAN LIMITED



K. Y. LIANG
DIRECTOR

THIS REPORT SHALL NOT BE REPRODUCED
EXCEPT IN FULL, WITHOUT THE WRITTEN
APPROVAL OF THE LABORATORY.

TEST CONDUCTED

(I) TEST RESULT SUMMARY :

TESTING ITEM	RESULT (%)	LIMIT
	WHITE SILICONE	(%)
CADMIUM (Cd) CONTENT	ND	0.01
LEAD (Pb) CONTENT	ND	0.1
MERCURY (Hg) CONTENT	ND	0.1
CHROMIUM VI (Cr ⁶⁺) CONTENT	ND	0.1
MONOBROMINATED BIPHENYLS (MonoBB)	ND	--
DIBROMINATED BIPHENYLS (DiBB)	ND	--
TRIBROMINATED BIPHENYLS (TriBB)	ND	--
TETRABROMINATED BIPHENYLS (TetraBB)	ND	--
PENTABROMINATED BIPHENYLS (PentaBB)	ND	--
HEXABROMINATED BIPHENYLS (HexaBB)	ND	--
HEPTABROMINATED BIPHENYLS (HeptaBB)	ND	--
OCTABROMINATED BIPHENYLS (OctaBB)	ND	--
NONABROMINATED BIPHENYLS (NonaBB)	ND	--
DECABROMINATED BIPHENYL (DecaBB)	ND	--
SUM OF POLYBROMINATED BIPHENYLS (PBBs)	ND	0.1
MONOBROMINATED DIPHENYL ETHERS (MonoBDE)	ND	--
DIBROMINATED DIPHENYL ETHERS (DiBDE)	ND	--
TRIBROMINATED DIPHENYL ETHERS (TriBDE)	ND	--
TETRABROMINATED DIPHENYL ETHERS (TetraBDE)	ND	--
PENTABROMINATED DIPHENYL ETHERS (PentaBDE)	ND	--
HEXABROMINATED DIPHENYL ETHERS (HexaBDE)	ND	--
HEPTABROMINATED DIPHENYL ETHERS (HeptaBDE)	ND	--
OCTABROMINATED DIPHENYL ETHERS (OctaBDE)	ND	--
NONABROMINATED DIPHENYL ETHERS (NonaBDE)	ND	--
DECABROMINATED DIPHENYL ETHER (DecaBDE)	ND	--
SUM OF POLYBROMINATED DIPHENYL ETHERS (PBDEs)	ND	0.1

REMARKS : % = PERCENTAGE BASED ON WEIGHT OF TESTED SAMPLE

ND = NOT DETECTED

ACCORDING TO DIRECTIVE 2005/618/EC, THE LIMIT IS DEFINED PER
HOMOGENEOUS MATERIAL IN WEIGHT PERCENTAGE.

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(II) TEST METHOD :

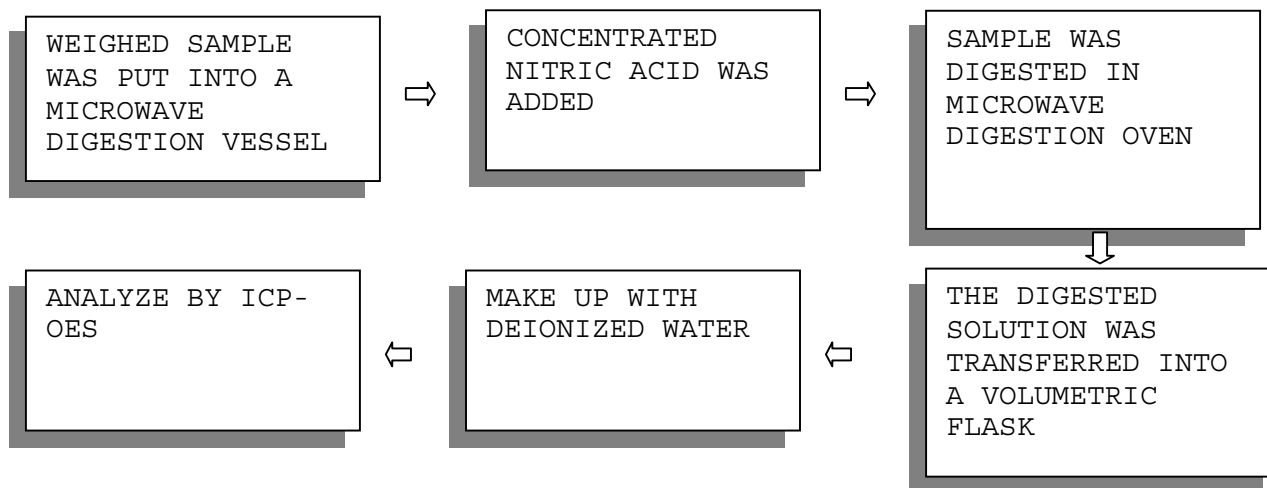
<u>TESTING ITEM</u>	<u>TESTING METHOD</u>	<u>REPORTING LIMIT</u>
CADMIUM (Cd) CONTENT	WITH REFERENCE TO USEPA 3052, BY MICROWAVE DIGESTION AND DETERMINED BY ICP-OES	0.0002%
LEAD (Pb) CONTENT	WITH REFERENCE TO USEPA 3052, BY MICROWAVE DIGESTION AND DETERMINED BY ICP-OES	0.0002%
MERCURY (Hg) CONTENT	WITH REFERENCE TO USEPA 3052, BY MICROWAVE DIGESTION AND DETERMINED BY ICP-OES	0.0002%
CHROMIUM VI (Cr ⁶⁺) CONTENT	WITH REFERENCE TO USEPA 3060A & 7196A, DETERMINED BY UV-VIS SPECTROPHOTOMETER	0.0001%
POLYBROMINATED BIPHENYLS (PBBs)	WITH REFERENCE TO USEPA 3540C, BY SOLVENT EXTRACTION AND DETERMINED BY HPLC-DAD OR GC-MSD	0.0005%
POLYBROMINATED DIPHENYL ETHERS (PBDEs)	WITH REFERENCE TO USEPA 3540C, BY SOLVENT EXTRACTION AND DETERMINED BY HPLC-DAD OR GC-MSD	0.0005%

REMARK : REPORTING LIMIT = QUANTITATION LIMIT OF ANALYTE IN SAMPLE

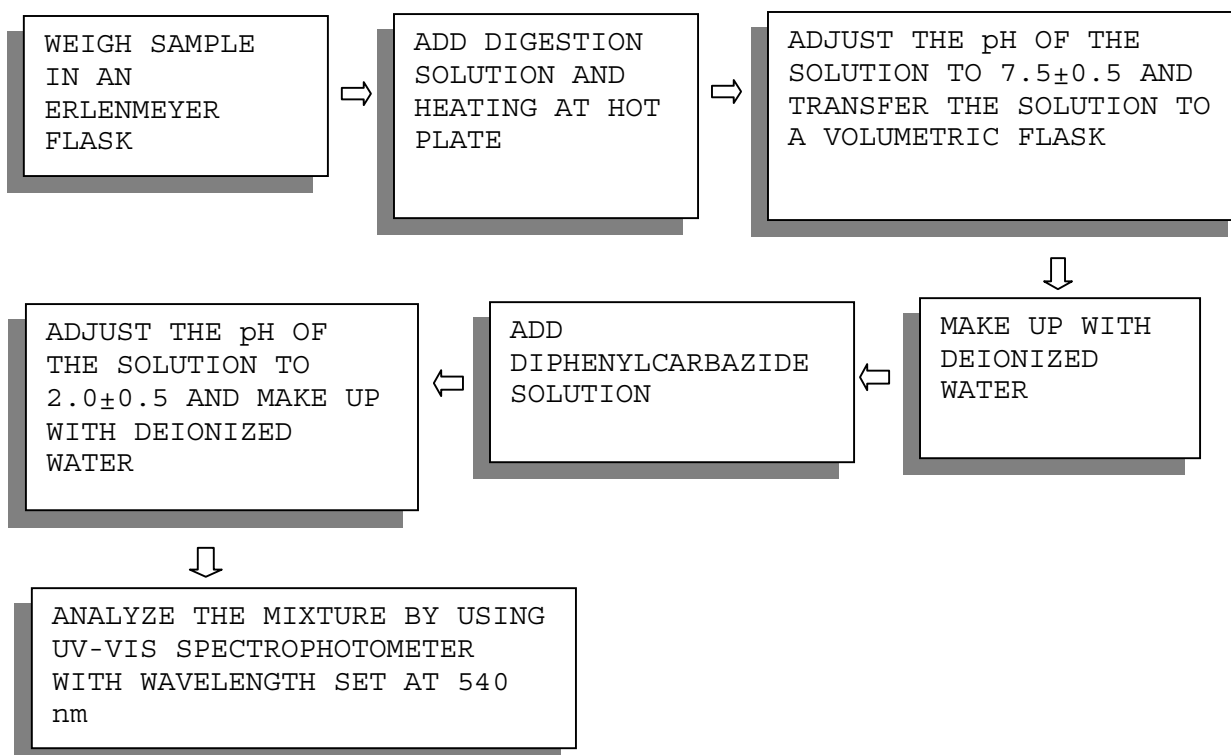
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(III) MEASUREMENT FLOWCHART:

1. TEST FOR Cd/Pb/Hg CONTENT



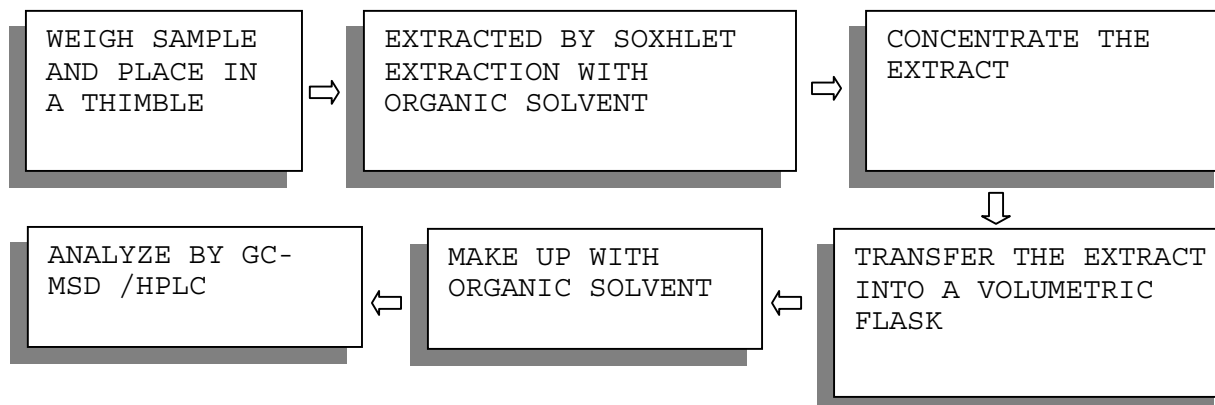
2. TEST FOR CHROMIUM (VI) CONTENT



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(III) MEASUREMENT FLOWCHART:

3. TEST FOR PBBs/PBDEs CONTENT



END OF REPORT

TEST CONDUCTED

PHOTO

