

# ROHS TEST REPORT

**Applicant** : shenzhen esun industrial co., ltd  
**Address** : A403-1ROOM,WUHAN UNIVERSITY BUILDING,KEYUAN NORTH ROAD,SHENZHEN  
NANSHAN TECHNOLOGY PARK,GUANGDONG PROVINCE,CHINA

## REPORT ON THE SUBMITTED SAMPLE SAID TO BE:

**Sample name** : espool  
**Manufacture** : Xiaogan Esun New Material Co.,Ltd  
**Address** : Xinhua Road, Xiaogan Economic Development Zone, Xiaogan City,Hubei  
**Model** : N/A  
**Trade Name** : N/A  
**Report No.** : ACIC20201208036RCM  
**Sample received date** : Dec. 08, 2020  
**Testing period** : Dec. 08, 2020- Dec. 14, 2020

Test Requested:	Conclusion:
The EUT described above has been tested by us and found in compliance with the council RoHS 2.0 Directive 2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2012.This certificate is only valid in conjunction with the test report.	PASS

\*\*\*\*\*FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)\*\*\*\*\*

Signed for and on behalf of ACIC

Tested By:

Sophie Lee

Examine By

Diak Hong

Approved By:

Amber Lin

Date

Dec. 14. 2020



**TEST METHOD:**

(1) With reference to IEC 62321:2008 Ed 1.0 Electrotechnical products - Determination of levels of six regulated substances

(2) With reference to IEC 62321:2013 Ed 1.0 Determination of certain substances in electrotechnical products

Test Item	Pretreatment Method	Measuring Instrument	MDL
Lead (Pb)	IEC 62321-3-1:2013	ICP-OES	2 mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	2 mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg
Hexavalent Chromium (Cr)	IEC 62321-5:2013	UV-VIS	2 mg/kg
Polybrominated Biphenyls (PBBs) / Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5 mg/kg
Dibutyl Phthalate (DBP) / Benzylbutyl Phthalate (BBP) / Di-(2-ethylhexyl) Phthalate (DEHP) / Diiso butyl Phthalate (DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg

**TEST PART DESCRIPTION:**

Specimen No.	ACIC Sample ID	Description
SN 1	ACIC-1208.001	espool (100% pc)

**TEST RESULT:**

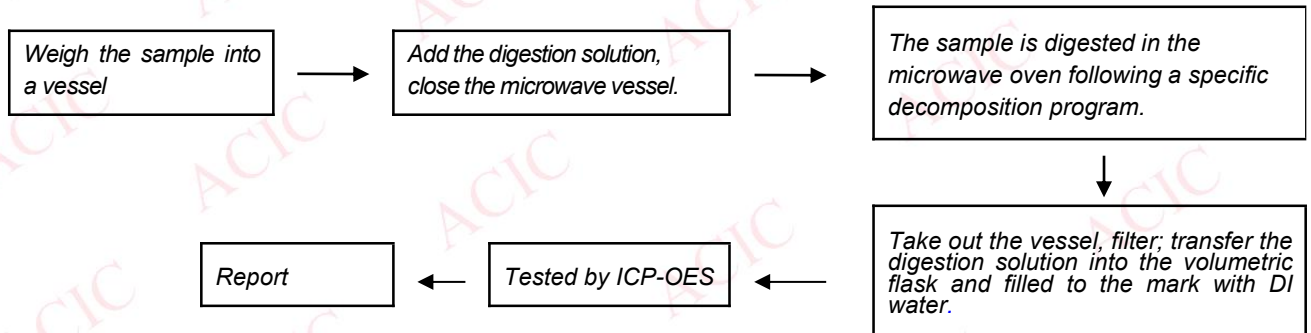
Test Item(s)	Limit.	Unit.	Result
			001
Cadmium (Cd).	100	mg/kg	ND
Lead (Pb).	1000	mg/kg	ND
Mercury (Hg).	1000	mg/kg	ND
Hexavalent Chromium (CrVI).	1000	mg/kg	ND
Sum of PBBs.	1000	mg/kg	ND
Sum of PBDEs.	1000	mg/kg	ND
Dibutyl Phthalate(DBP)	1000	mg/kg	ND
Benzylbutyl Phthalate(BBP)	1000	mg/kg	ND
Di-(2-ethylhexyl)Phthalate(DEHP)	1000	mg/kg	ND
Diiso butyl Phthalate(DIBP)	1000	mg/kg	ND

**Remarks :**

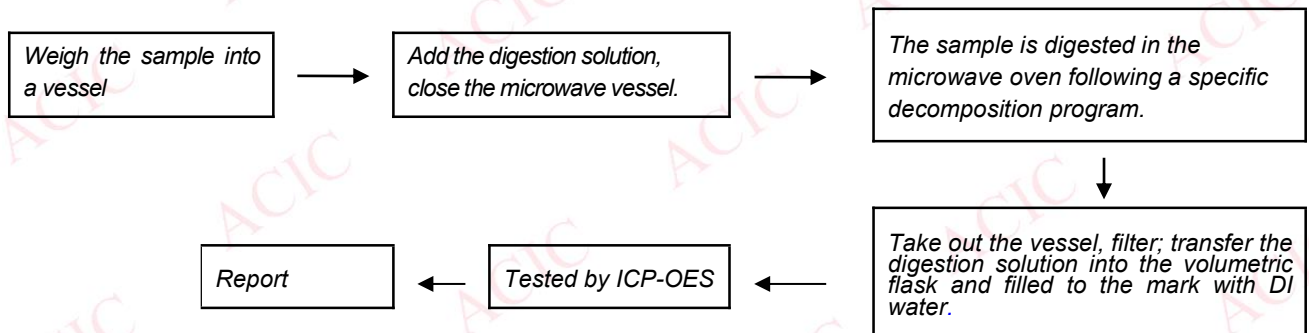
- (1) 1 mg/kg = 1 ppm = 0.0001%.
- (2) MDL = Method Detection Limit.
- (3) ND = Not Detected ( < MDL ).
- (4) "-" = Not Regulated.

**TEST FLOW:**

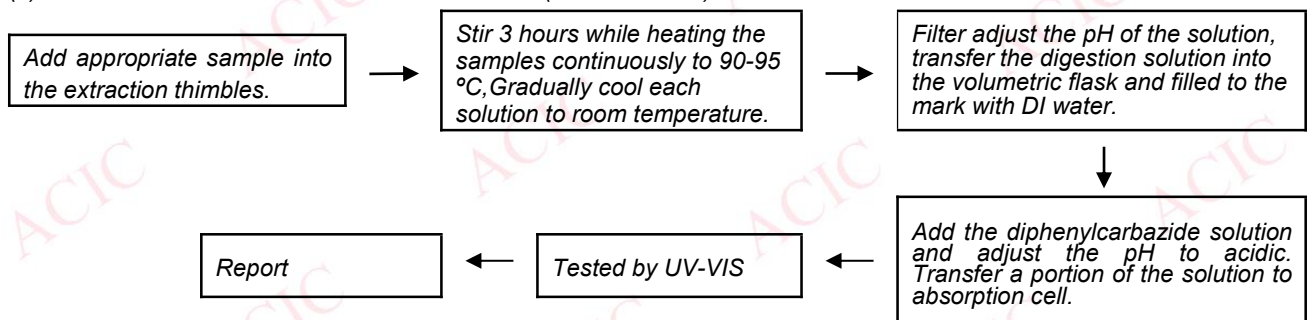
**(1) To Determine Lead and Cadmium Content**



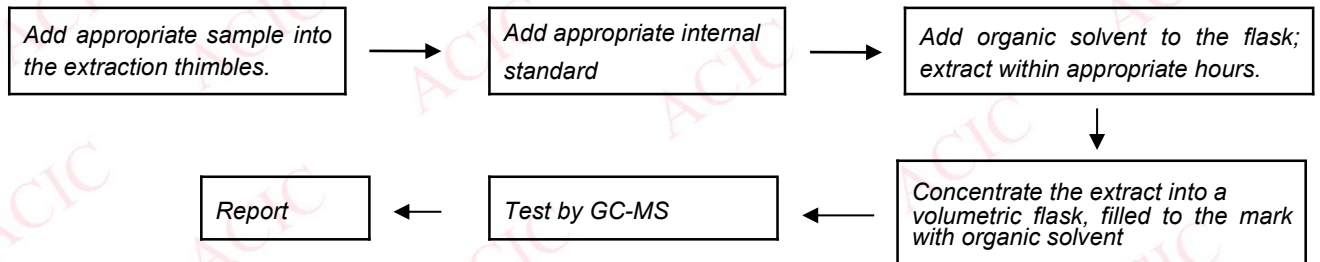
**(2) To Determine Mercury Content:**



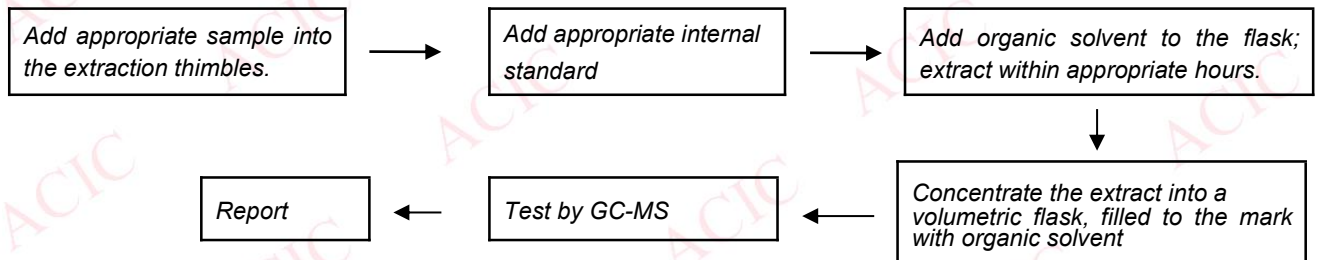
**(3) To Determine Hexavalent Chromium Content (for Electronics):**



(4) To Determine Polybrominated Biphenyls/Polybrominated Diphenyl Ethers Content:

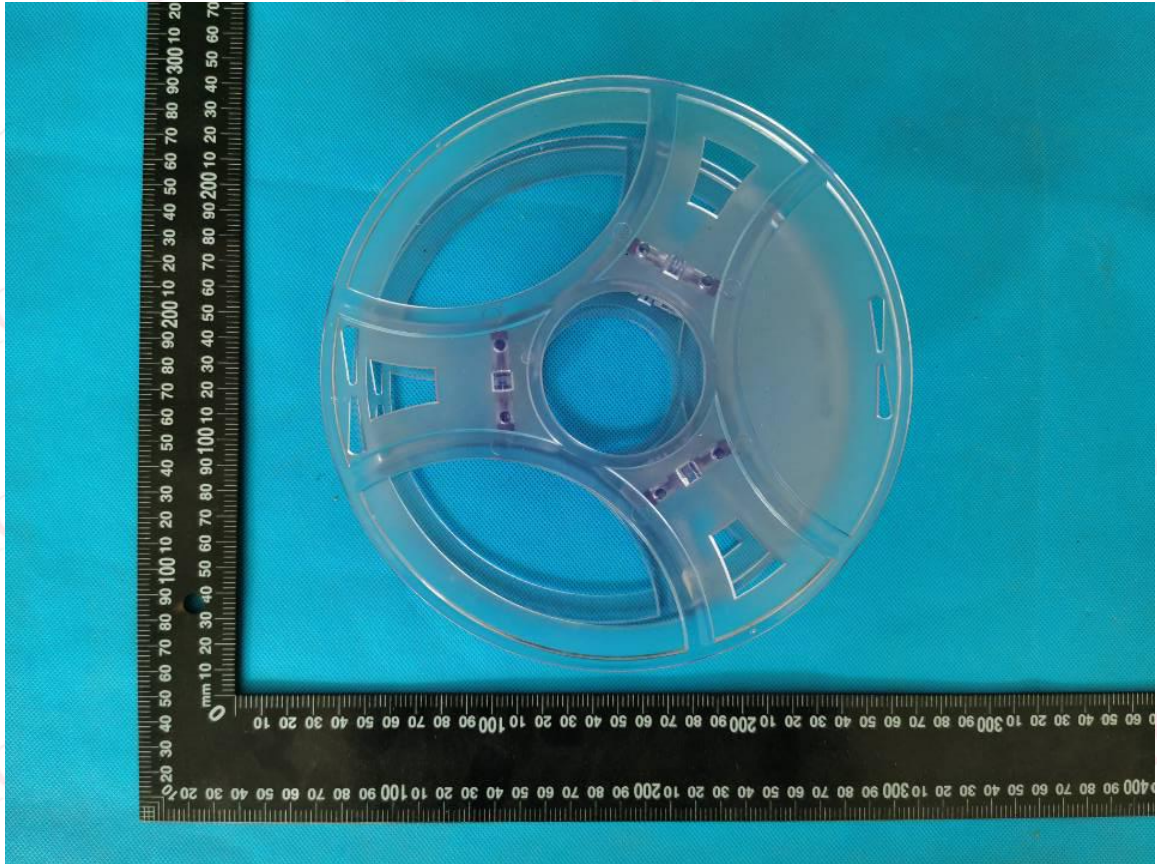


(5) To Determine Dibutyl Phthalate/Benzylbutyl Phthalate/Di-(2-ethylhexyl) Phthalate/Diiso butyl Phthalate Content:





**PHOTOGRAPH OF SAMPLE**



*Photo 1 (001)*

**\*\*\*\*\*END OF REPORT\*\*\*\*\***