



**Dow Chemical (China) Investment Co., Ltd.**

No. 936 Zhangheng Road  
Zhangjiang Hi-Tech Park  
Shanghai, 201203, P.R.C.

## ECOGROUND™ L-9267 FDA

This is to confirm that ECOGROUND™ L-9267 has the following United States Food and Drug Administration (FDA) clearances:

FDA Regulation	Complies	Limitations	Opinion Date
<b>21CFR175.105</b> (Adhesives)	Yes		07/22/2015
<b>21CFR176.170</b> (Components of paper and paperboard in contact with aqueous and fatty foods)	Yes with Limitations	Provided that the food contact surface of the paper and paperboard complies with the extractives limitations in 21CFR176.170 Paragraph (C).	07/22/2015
<b>21CFR176.180</b> (Components of paper and paperboard in contact with dry food)	Yes		07/22/2015

Very truly yours,

Wang, Christina

Product Stewardship Specialist  
Dow Construction Chemical/The Dow Chemical Company  
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*The information contained herein relates only to the specific material identified. The Dow Chemical Company believes that such information is accurate and reliable as of this date, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. The Dow Chemical Company urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.*



## ELITE™ 5220G Enhanced Polyethylene Resin

### **Global Chemical Inventory Compliance**

All components of this product are compliant with the country Chemical Inventories as per the following table or are exempt:

Country	Inventory	Y/N
Europe	REACH	Yes
Canada	DSL	Yes
Canada	NDSL	-
United States	TSCA	Yes
Australia	AICS	Yes

Country	Inventory	Y/N
China	IECSC	Yes
Japan	ENCS	Yes
Korea	KECI	Yes
New Zealand	NZIoC	Yes
Philippines	PICCS	Yes
Taiwan	TCSCA	Yes

### **US FDA Food Contact Status**

When used unmodified and processed in accordance with Good Manufacturing Practices (GMP) for food contact applications, this product will comply with the U.S. Food and Drug Administration as a food contact substance as a result of a premarket Food Contact Notification, FCN 424, with an effective date of October 7, 2004. This notification allows for use of this product in producing articles or components of articles used in contact with all food types under Conditions of Use A through H, as described in Table 2 of U.S. FDA CFSAN/Office of Food Additive Safety April 2006, Definitions of Food Types and Conditions of Use for Food Contact Substances.

The preceding statement refers to regulatory requirements only, not to the product's physical utility. It is the responsibility of the article producer or food packager to determine that the article is suitable for its intended use.

### **US FDA Drug Master File (DMF)**

This product is not currently listed under a FDA Drug Master File. Please contact Dow's Customer Information Group if you require more information (<http://www.Dow.com/en-us/contact-us-cig>).

### **US Pharmacopoeia (USP)**

This product has not been assessed under U.S. Pharmacopoeia. Please contact Dow's Customer Information Group if you require further information (<http://www.Dow.com/en-us/contact-us-cig>).

### **Canadian Food Contact (HPFB or CFIA)**

The composition of this product has not been assessed for use in contact with food according to the Canadian Health Products and Food Branch (HPFB).

### **European Commission Regulation (EU) No 10/2011 (Food Contact)**

The composition of this product complies with the requirements for use in contact with food of European Commission Regulation (EU) No 10/2011, including any subsequent amendments that are in force prior to the effective date of this Regulatory Data Sheet. Contact Dow at [FGLREGL@dow.com](mailto:FGLREGL@dow.com) to obtain the extended food contact certification letter for this product.

### **China Food Contact Compliance**

This resin complies with China GB9685-2016 Food Safety National Standard: Use of Additives for Food contact Materials and Article, GB4806.6-2016 Food Safety National Standard: Food-contact Use Plastic Resins and GB 4086.1-2016 Food Safety National Standard: General Safety Requirements for Food-Contact Materials and Articles. Please contact Dow at FGLREGL@dow.com to obtain the extended food contact certification letter for this product.

### **Japan Hygienic Olefin and Styrene Plastics Association (JHOSPA)**

This product is registered under the Japan Hygienic Olefin and Styrene Plastics Association (JHOSPA) for use in food contact packaging applications.

### **India Standard for Contact with Food, Pharmaceuticals, or Drinking Water**

This product complies with the requirements of Indian Standard IS 10146:1982, Specification for Polyethylene for its safe use in Contact with Foodstuffs, Pharmaceuticals and Drinking Water and IS 10141:2001, Positive List of constituents of Polyethylene in Contact with Foodstuffs, Pharmaceuticals and Drinking Water, and may be regarded as safe for use when properly processed. The preceding statement refers to regulatory requirements only, not to the product's physical utility. It is the responsibility of the article producer or food packager to determine that the article is suitable for its intended use. Please contact Dow's Customer Information Group if you require further information (<http://www.Dow.com/en-us/contact-us-cig>).

### **Latin America MERCOSUR Food Contact Status**

This product complies with MERCOSUR GMC Resolution No. 56/92, Resolution No. 32/07 and Resolution No. 02/12.

### **Brazil ANVISA Food Contact Status**

This product complies with ANVISA RDC Resolution 105/1999, Resolution No. 17/2008 and Resolution No. 56/2012.

### **Animal Derived Components (BSE/TSE)**

One or more ingredients used to manufacture this product may have been synthesized from animal extracts, i.e. hydrolysis of animal fats (bovine tallow) into fatty acids. If used, the manufacturing process of the fatty acids includes a multi-step chemical treatment involving high temperatures, high pressures, and long residence times. These processing conditions greatly exceed the requirements as specified in Section 6.4 of the "Note for Guidance on minimizing the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products" (EMA/410/01 Rev. 3 – July 1, 2011), adopted by the European Commission and published in the Official Journal of the European Union March 5, 2011 (2011/C 73/01). Further, only Category 3 materials or equivalent as defined by Article 10 of European Parliament and Council Regulation (EC) No 1069/2009 are used as raw materials for the fatty acids. Thus, the tallow derivatives (irrespective of the geographical origin according to the Note for Guidance) used in the manufacturing of this product are therefore considered compliant with the EMA Note for Guidance referenced above.

### **Plant Derived Components**

This product may contain one or more substances(s) synthesized from plant extracts, i.e. hydrolysis of plant oils into fatty acids and/or their derivatives, as per information from our raw material suppliers.



### **Palm Oil Derived Components**

Palm oil, as such, is not used in the manufacturing of this product; however, palm oil derivatives are used in the manufacturing of one or more raw materials utilized in the production of this product. These palm oil derivatives are only purchased from suppliers which are members of the "Roundtable on Sustainable Palm Oil" (RSPO).

### **Food Allergens**

To the best of our knowledge, there are no raw materials, including additives, that have their origin in peanuts, soybeans, milk, eggs, fish, shellfish (mollusks), crustaceans, tree nuts, mustard, celery, sesame, sunflowers, lupine, animal or vegetable proteins, caffeine, monosodium glutamate (MSG), colorants (including carmine and cochineal), corn, wheat, barley, rye, triticale, gluten, mushrooms, yams, and/or phenylalanine and its derivatives. No sulfates or sulfites are used in the synthesis of this material. This evaluation is based on information provided by our raw material and additive suppliers for the presence of the allergen-stimulating substances shown above. Therefore, although we believe this product to be free of the specified known allergy stimulating food substances, we cannot guarantee this.

### **Materials from Genetically Modified Organisms**

To the best of our knowledge, there are no raw materials, including additives, that have been derived from genetically modified organisms (GMO). This is based on information from our additive suppliers. Therefore, although we believe this product to be GMO free, we cannot guarantee it at this time.

### **Kosher**

One or more of the raw materials used in the manufacture of this product may have originated in whole or in part from animal sources. If used, the animal sourced raw material(s) have been chemically altered from their original structure and have undergone significant chemical processing, and is/are therefore considered synthetic.

### **Halal**

Please note that one or more of the raw materials used in the manufacture of this product may have originated in whole or in part from animal sources.

### **REACH**

For information on Dow and the European Union regulation for Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), visit our website, [www.reach.dow.com](http://www.reach.dow.com).

This product is not manufactured or formulated with any of the Substances of Very High Concern (SVHC) as per the candidate list that was current as of the effective date of this regulatory datasheet that would require reporting under this regulation. Current information can be found at the ECHA website. <https://echa.europa.eu/candidate-list-table>. Please contact Dow's Customer Information Group for more information (<http://www.Dow.com/en-us/contact-us-cig>).

### **EU Directive 2011/65/EU (RoHS)**

This product complies with the requirements of Article 4.1 of EU Directive 2011/65/EU (RoHS 2), as amended (Directive (EU) 2015/863 inclusive). It is not intentionally manufactured or formulated with cadmium, hexavalent chromium, lead, mercury, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), or Diisobutyl phthalate (DIBP).



**EU Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE)**

EU Directive 2012/19/EU on WEEE: Selective treatment of the waste (Annex VII). None of the substances listed in Annex VII are intentionally added or used in the formulation of this product with the following exception. This product is a hydrocarbon; however, liquid hydrocarbons are not present in this product.

**Heavy Metals, EU 94/62/EC and Coalition of Northeastern Governors (CONEG)**

This product conforms to the Coalition of Northeastern Governors (CONEG) and the European Directive 94/62/EC, as amended, on Packaging and Packaging Waste, Article 11. Any incidental levels of lead, cadmium, hexavalent chromium, and mercury do not exceed 100 ppm total.

**Toy Safety - ASTM F963 / EN 71-3**

This product is not formulated with antimony, arsenic, barium, boron, cadmium, chromium, cobalt, copper, mercury, lead, nickel, selenium, strontium or tin. To the best of our knowledge, it does not contain these substances above the limits set in ASTM F 963-11, Section 4.3.5.2. This product complies with the requirements of EN 71 Safety of Toys - Part 3, Migration of Certain Elements.

**Mineral Oil Aromatic Hydrocarbons / Mineral Oil Saturated Hydrocarbons**

This product is not manufactured or formulated with Mineral Oil Aromatic Hydrocarbons (MOAH); however, trace amounts (ppm) of food grade, White Mineral Oil (MOSH - Mineral Oil Saturated Hydrocarbons) in compliance with Commission Regulation (EU) No 10/2011 and U.S. FDA food contact requirements may be present.

**Consumer Product Safety Improvement Act of 2008 (CPSIA)**

This product is not manufactured or formulated with lead, di-(2-ethylhexyl)phthalate (DEHP), dibutyl phthalate (DBP), or benzyl butyl phthalate (BBP). To the best of our knowledge, it does not contain these materials above the limits set in the Consumer Product Safety Improvement Act of 2008, Title 1, Sections 101 and 108.

**Canadian Environmental Protection Act Challenge Substances**

This product is not intentionally manufactured or formulated with the Batch Lists of Canadian Environmental Protection Agency (CEPA) Challenge Substances released as of the effective date of this document. However, we do not analyze for these specific substances.

(<http://www.chemicalsubstanceschimiques.gc.ca/challenge-defil/index-eng.php>)

**Butylated Hydroxytoluene (BHT) (CAS# 128-37-0)**

This product is not formulated with Butylated Hydroxytoluene (BHT - CAS # 128-37-0); however, it may contain trace amounts up to a maximum of 5 ppm.

**Clean Air Act**

This product is not manufactured or formulated with Class I or II substances as defined under 40 CFR part 82 of the Clean Air Act of 1990, as amended (58 FR 8136).



## **RDS - ELITE™ 5220G Enhanced Polyethylene Resin**

### **California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute as of the effective date of this regulatory datasheet.



**Conflict Minerals (Dodd-Frank Wall Street Reform and Consumer Protection Act)**

Dow Performance Plastics is pleased that your company is a member of the community of companies committed to focusing on human rights. We share the concern of our customers that the trade of gold, columbite-tantalite (coltan) or its derivative tantalum, cassiterite or its derivative tin, wolframite or its derivative tungsten, (the “Conflict Minerals”) sourced from the Democratic Republic of the Congo, Sudan, Uganda, Rwanda, Burundi, United Republic of Tanzania, Zambia, Angola, Congo, or the Central African Republic (the “Covered Countries”) may come from mines or trading routes controlled by armed groups in the Covered Countries. It is our policy not to knowingly purchase any raw materials that contain Conflict Minerals that directly or indirectly finance or benefit armed groups in the Covered Countries.

The supply chain associated with Conflict Minerals is complex and we continue to work with our suppliers to determine the sources of the Conflict Minerals in the raw materials supplied to us. Because the Conflict Minerals in our raw materials enter our supply chain many layers removed from us, it is difficult to determine where they originated. The responses that we have received to date indicate that none of the tantalum, tin, tungsten or gold in the raw materials supplied to us is sourced from mines located in areas under the control of armed groups in the Covered Countries.

As part of our continuing efforts to improve our due diligence processes, we are working with our suppliers to improve the rate of responses from them and improve our ability to determine the source of the Conflict Minerals in our supply chain. We will continue to leverage our relationships with our suppliers to have them encourage smelters who have not yet done so to undergo a Conflict Free Smelter assessment in order to be verified as “conflict-free” under the EICC and GeSI Conflict-Free Smelter program.

Please note that the Securities and Exchange Commission (the “SEC”) adopted a final rule pursuant to Section 1502 (the “Conflict Minerals Provision”) of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the “Dodd-Frank Act”). Public companies for whom Conflict Minerals are “necessary to the functionality or production of a product” manufactured, or contracted to be manufactured, by it must conduct a reasonable country of origin inquiry as to whether its Conflict Minerals originated outside of the Covered Countries or are from recycled or scrap sources. Companies subject to the Conflict Minerals Provision must file their Specialized Disclosure Report, covering products manufactured during 2015, with the SEC on or before May 31, 2016 and also provide this report on its publicly available Internet website.

Dow’s current Form SD filed with the SEC is available on our website at:  
<http://www.dow.com/en-us/investor-relations/codes-of-conduct/responsible-sourcing-conflict-minerals>

Please note that the SEC has clarified that companies that use chemical compounds derived from tin, tantalum and tungsten (3T organometallic compounds) are not required to conduct any inquiry into the source of such 3T organometallic compounds nor are such 3T Organometallic compounds required to be included in the specialized disclosure report to the SEC. The SEC clarified that only the 3T metals themselves and alloys that contain the 3T are within the scope of the Conflict Minerals Provision. Although not required by the Conflict Minerals Provision, we are providing information as to the source of the tin in the tin organometallic compounds used in the manufacture of the products supplied to you because in 2016 we continued to request such information from our suppliers.

**This product is not intentionally manufactured or formulated with the listed conflict minerals as per Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act; however, we do not analyze for these specific substances or compounds.**

- **Columbite-Tantalite – refined into Tantalum (Ta) (CAS # 7440-25-7)**
- **Cassiterite – refined into Tin (Sn) (CAS # 7440-31-5)**
- **Wolframite – refined into Tungsten (W) (CAS # 7440-33-7)**





## RDS - ELITE™ 5220G Enhanced Polyethylene Resin

### - Gold (Au) (CAS # 7440-57-5)

We are disclosing the above information, to the best of our knowledge based upon data from our raw material suppliers. We believe this information to be accurate and reliable as of the effective date of this Regulatory Data Sheet.

Dow has a long history of commitment to sustainability. We believe sustainability is truly about our relationship with the world, in terms of global footprint, product stewardship and innovation and local citizenship. We measure ourselves against the triple bottom line of economic prosperity, environmental stewardship, and corporate citizenship.

Dow has signed onto the United Nations Global Compact, a voluntary corporate citizenship initiative in the areas of human rights, labor conditions, the environment and anti-corruption. The first two principles of the UN Global Compact, which are derived from the Universal Declaration of Human Rights, are:

- Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights;
- Principle 2: Business should make sure that they are not complicit in human rights abuses.

See also:

Dow's Code of Business Conduct:

<http://www.dow.com/en-us/investor-relations/codes-of-conduct/code-of-business-conduct>

In addition to our Code, see Dow Sustainability – Human Rights page at:

<http://www.dow.com/en-us/investor-relations/codes-of-conduct/human-rights>

Dow's Business Code of Conduct for Suppliers:

<http://www.dow.com/en-us/about-dow/our-company/supplier-information/expectations-of-suppliers>

Should you have any further questions, please do not hesitate to contact your Account Manager.

### **Substances and Chemicals**

This product is not intentionally manufactured or formulated with the following substances or compounds; however, we do not analyze for these substances or compounds.

Acrylamide

Alkylphenols and Alkylphenol ethoxylates (nonylphenol, octylphenol, butylphenol, dodecylphenol)

Antimony and Antimony compounds

Aromatic amines

Arsenic and Arsenic compounds

Asbestos

Azo compounds

Beryllium and Beryllium compounds

Biocides

Bis(2-ethylhexyl) adipate (DEHA)

Bisphenol compounds, including but not limited to: BPA, BPB, BPC, BPE, BPF, BPS, and BPZ

Butylated Hydroxyanisole (BHA)

Cadmium and Cadmium compounds

Chlorofluorocarbons (CFCs) or Hydrochlorofluorocarbons (HCFCs)

Chlorinated paraffins

Colorants or pigments

Colorants or pigments

Copper and Copper compounds

Dimethylfumarate (DMF)

1,4 - Dioxane

Dioxins or furans

Endocrine disruptors (proven by the industry)



Supersedes all versions prior to Effective Date



## RDS - ELITE™ 5220G Enhanced Polyethylene Resin

Epoxy derivatives listed in EU Regulation (EC) No 1895/2005

- Bisphenol A diglycidyl ether (BADGE) (CAS # 1675-54-3)
- Bisphenol F diglycidyl ether (BFDGE) (CAS # 39817-09-9)
- Novolac Glycidyl Ethers (NOGE)

Flavorings or Fragrances

Fluorotelomers

Formaldehyde

Fungicides, pesticides, preservatives, or fumigants

Halogenated (Brominated or chlorinated) or phosphorous based flame retardants

Materials derived from the Jatropha Plant

Melamine

Mercury and Mercury compounds

Nano materials

Natural rubber latex, dry natural rubber, or synthetic latex

Nickel and nickel compounds

Organotin compounds

Ozone-depleting chemicals

Perchlorates

Perfluorooctanoic acid (PFOA), perfluorooctane sulfonate (PFOS) or perfluoroalkyls

Phthalates / Phthalate esters

Photoinitiators, including: benzophenone, hydroxybenzophenone, and 4-methylbenzophenone, and

Isopropylthioxanthone (ITX)

Plasticizers

Polycyclic Aromatic Hydrocarbons (PAHs)

Polybrominated Diphenyl Ethers (PBDEs)

Polychlorinated and Polybrominated Biphenyls (PCBs and PBBs)

Polychlorinated and Polybrominated Terphenyls (PCTs and PBTs)

Polyvinylidene Chloride (PVDC)

Polyvinyl Chloride (PVC)

Radioactive Substances

Recycled materials

Silicone

Silver and silver compounds

Styrene

Sulfonamides

Triclosan (2,4,4'-trichloro-2'-hydroxydiphenylether)

Tris(nonylphenyl)phosphite (TNPP)

Vinyl Chloride Monomer (VCM)

Xylene

Zinc and Zinc compounds

### Product Stewardship

The Dow Chemical Company and its subsidiaries ("Dow") has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take the appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products—from the initial concept and research, to manufacture, use, sale, disposal and recycle of each product.



## RDS - ELITE™ 5220G Enhanced Polyethylene Resin

### Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

### Medical Applications Policy

NOTICE REGARDING MEDICAL APPLICATION RESTRICTIONS: Dow will not knowingly sell or sample any product or service ("Product") into any commercial or developmental application that is intended for:

- a. long-term or permanent contact with internal bodily fluids or tissues. "Long-term" is contact which exceeds 72 continuous hours;
- b. use in cardiac prosthetic devices regardless of the length of time involved ("cardiac prosthetic devices" include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
- c. use as a critical component in medical devices that support or sustain human life; or
- d. use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

Dow requests that customers considering use of Dow products in medical applications notify Dow so that appropriate assessments may be conducted. Dow does not endorse or claim suitability of its products for specific medical applications. It is the responsibility of the medical device or pharmaceutical manufacturer to determine that the Dow product is safe, lawful, and technically suitable for the intended use. **DOW MAKES NO WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF ANY DOW PRODUCT FOR USE IN MEDICAL APPLICATIONS.**

### Disclaimer

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, the Customer is responsible for determining whether products and the information in this document are appropriate for the Customer's use and for ensuring that the Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Dow assumes no obligation or liability for the information in this document. **NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.**

For additional information, not covered by the content of this document, contact us via our web site [http://www.dow.com/products\\_services/](http://www.dow.com/products_services/).



## Test Report

No. SHAEC1102438302

Date: 11 Mar 2011

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CHANGZHOU ZONGHENG PLASTIC INDUSTRY CO.,LTD  
CHENJIATANG,QIANHUANG INDUSRTY DISTRICT,WUJIN,CHANGZHOU CITY,JIANGSU  
PROVINCE,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : ARTIFICIAL YARN  
FIBER

SGS Job No. : SP11-005314 - SH  
Model No. : 8601B  
Model No. : 8600B  
Composition : POLYPROPYLENE  
Date of Sample Received : 04 Mar 2011  
Testing Period : 04 Mar 2011 - 07 Mar 2011  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).  
Conclusion : Based on the performed tests on submitted samples, the results comply with the  
RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of  
SGS-CSTC Ltd.



Fan Jingjie, JJ  
Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA11-024383.001	Yellow soft solid thread
2	SHA11-024383.002	Green soft solid thread

Remarks :

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

**RoHS Directive 2002/95/EC**

Test Method : With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
- (5) Determination of PBBs / PBDEs content by GC-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
Cadmium (Cd)	100	mg/kg	2	ND	ND
Lead (Pb)	1,000	mg/kg	2	ND	63
Mercury (Hg)	1,000	mg/kg	2	ND	ND
Hexavalent Chromium (CrVI)	1,000	mg/kg	2	ND	ND
Sum of PBBs	1,000	mg/kg	-	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND
Sum of PBDEs	1,000	mg/kg	-	ND	ND

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## Test Report

No. SHAEC1102438302

Date: 11 Mar 2011

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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
Monobromodiphenyl ether	-	mg/kg	5	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND

### Notes :

(1) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

Remark: The test results are taken from report SHAEC1102438301, Date: 2011/03/07

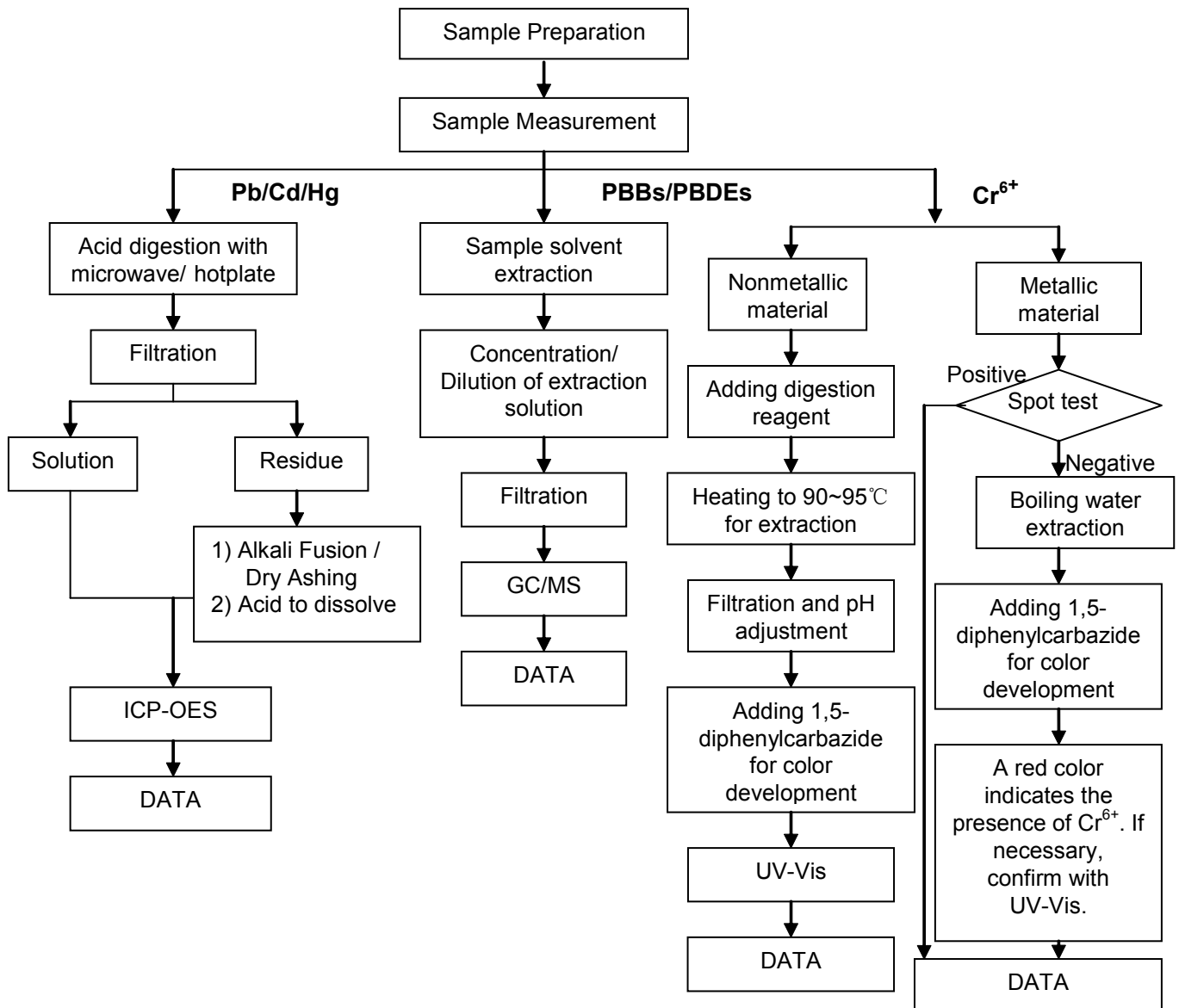
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**ATTACHMENTS**

**RoHS Testing Flow Chart**

- 1) Name of the person who made testing: Allen Xiao/ Even Xu / Andy Zhao /Elim Lin
- 2) Name of the person in charge of testing: Jeff Zhang/George Xu/Tracy Yue
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr<sup>6+</sup> and PBBs/PBDEs test method excluded)



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Sample photo:



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