



Test Report

No. SH7000263/ CHEM

Date: Jan. 9, 2007

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SHANGHAI SECCO PETROCHEMICAL CO.,LTD
XIHE ROAD, SHANGHAI INDUSTRY PARK, SHANGHAI, P.R.CHINA

Report on the submitted sample said to be S1003.

SGS Ref No. : SHD2612711
Material : POLYPROPYLENE

Sample Receiving Date : Jan.04, 2007
Testing Period : Jan.04- 09, 2007

Test Requested : (1) In accordance with the RoHS Directive 2002/95/EC, and its amendment directives
(2) As specified for client, for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

Test Method : (1) With reference to IEC 62321, Ed 111/54/CDV
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products
(1-1) Determination of Cadmium by ICP.
(1-2) Determination of Lead by ICP.
(1-3) Determination of Mercury by ICP.
(1-4) Determination of Hexavalent Chromium by Colorimetric Method.
(1-5) Determination of PBBs and PBDEs by GC/MS.
(2) As specified in FDA 21 CFR 177.1520

Test Results : Please refer to next pages

Conclusion : (1) Based on the performed tests on submitted samples, the results comply with the RoHS Directive 2002/95/EC and its subsequent amendments.
(2) The submitted white plastic pellet sample said to be used for S1003 complies with the FDA Specifications for polypropylene used in contact with food for the food simulation solvent used.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Ella Zhang
Sr. Section Head

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Sandy Hao
Lab Manager

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Member of the SGS Group (Société Générale de Surveillance)

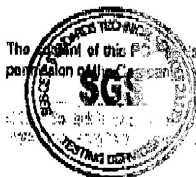
Test results by chemical method (Unit: mg/kg)

(1) Cadmium, Lead, Mercury, Hexavalent Chromium and PBBs / PBDEs Content

Test Item(s);	Method (refer to)	1	MDL	RoHS Limit
Cadmium(Cd)	(1-1)	ND	2	100
Lead (Pb)	(1-2)	ND	2	1000
Mercury (Hg)	(1-3)	ND	2	1000
Hexavalent Chromium (CrVI) by alkaline extraction	(1-4)	ND	2	1000
Sum of PBBs	(1-5)	ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl		ND	5	-
Sum of PBDEs (Note 4)		ND	-	1000
Monobromodiphenyl ether		ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-
Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether	ND	5	-	
Decabromodiphenyl ether	ND	5	-	
Sum of PBDEs (Mono to Deca)	ND	-	-	

Note:

- (1) mg/kg = ppm
- (2) ND = Not Detected
- (3) MDL = Method Detection Limit
- (4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
- (5) "-" = Not Regulated
- (6) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC



(2) FDA-polypropylene

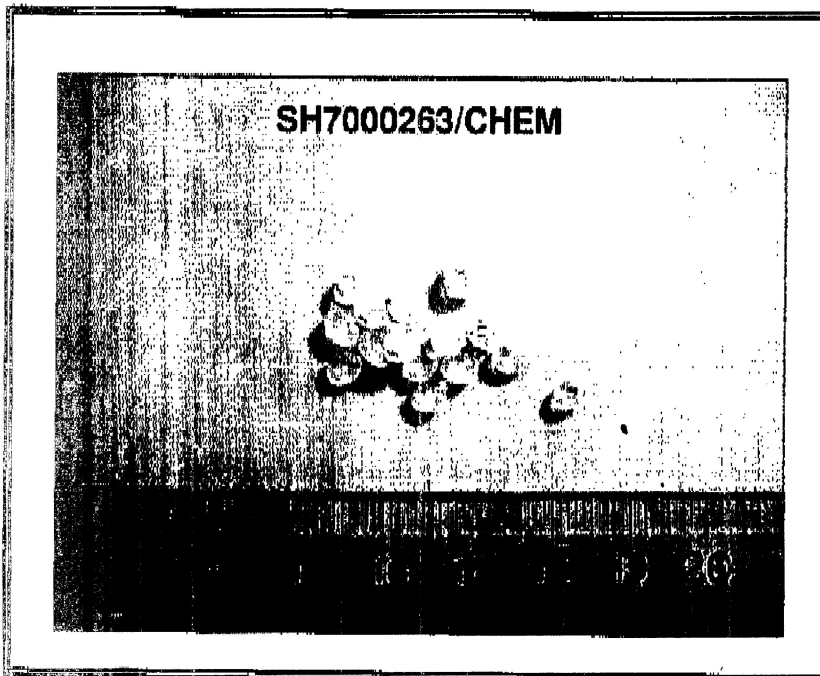
	1	Limit
1. Density at 23°C , g / mL	0.907	0.880 – 0.913
2. Melting Point , °C	169*	160 – 180
3. Extractable fraction in n-hexane at reflux temperature , W/W %	0.6	6,4 max.
4. Soluble fraction in xylene at 25°C , W/W %	3.0	9,8 max.

* = Test was conducted by outside laboratory.

Test Part Description:

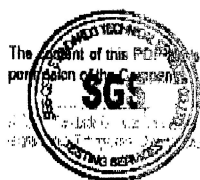
1. White plastic pellet

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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赛科 SECCO

Filing No:

FDA Status – Polypropylene grade: S1003

[Date]: 14th, Sep, 2005

Ningbo Zhongda Shihua Co. Ltd

No 318, Xinjian North Road, Ningbo, China

To: Zhou Jianli (Zhongda)
From: Huangfu Pingyan(SECCO)

Fax No: 0574-22668866
Fax No: 021-67250034

Dear Mr Zhou,

This is in response to your request for information concerning the FDA compliance status of polypropylene grade S1003, manufactured by Shanghai SECCO Petrochemical Co. Ltd.

We are pleased to confirm that this resin, as manufactured, comply with Title 21, CFR Parts 177.1520(c), item 1.1a, 178.2010, and other regulations promulgated under the Federal Food, Drug, and Cosmetic Act as may, from time to time, be applicable. It is therefore, permitted by FDA for use in food contact applications for food types identified in categories I through IX of table 1, under conditions of use A through H of table 2 in Title 21 CFR, Part 176.170.

It is, however, the responsibility of the customer to determine that all conditions and specifications outlined under the above-mentioned regulatory categories are met, and that the products fabricated from these materials are acceptable to the FDA for use in their intended food contact applications.

If you have any further questions, please feel free to contact me or contact our local sales representative.

Sincerely,

Huangfu Pingyan
Product Stewardship Engineer
Secco Petrochemical Co. Ltd
Tel: 86 21 37990088 Ext 4110
Fax: 6725 0034

Email: hf.pingyan@secco.com.cn

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