

Test Report

No.: NGBHL21000410301 Date: Nov 19, 2021

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DEBONSIL (ZHONGSHAN) NEW MATERIAL TECHNOLOGY CO., LTD
NO.3 FUTIAN 7TH ROAD, GANGKOU TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE.

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description : SILICONE RUBBER
SGS No. : NBHL2111018199OT
Colour Assortment : TRANSLU CENT SILICONE RUBBER PIECE
Style No. : DE-2320-XY
Item No. : DE-2320-XY
Manufacturer : DEBONSIL (ZHONGSHAN) NEW MATERIAL TECHNOLOGY CO., LTD
Client Ref. Information : DE-2000-XY、DE-2210-XY、DE-2310-XY、DE-2020-XY、DE-2320-XY、DE-2330-XY、DE-2240-XY、DE-2340-XY、DE-2015-XY、DE-2315-XY、DE-2025-XY、DE-2325-XY、DE-2017-XY、DE-2317-XY、DE-2027-XY、DE-2327-XY、DE-2237-XY、DE-2337-XY、DE-2217-XY、9XYU、DE-9010-XY、DE-9020-XY、DE-9030-XY、DE-9017-XY、DE-9027-XY、DE-9021-XY、DE-6317-XY、DE-6917-XY、DL-8030-XY、DL-8037-XY、DL-8320-XY、DL-8920-XY、DL-2027-XY、DL-2037-XY、DL-9027-XY、DL-2307-XY、DE-7010-XY、DE-7030-XY、DE-7910-XY、DE-3010-XY、DE-3910-XY、DE-7510-XY、DE-8600-XY、DL-8220-XY、DE-5000-XY、DE-5015-XY、DE-5017-XY、DE-5310-XY、DE-5320-XY、DE-5330-XY
Country of Origin : CHINA

Sample Receiving Date : Nov 15, 2021
Testing Period : Nov 15, 2021 to Nov 19, 2021
Testing Performed : Follow selected test(s) as requested by client.

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Pinky Wu

Pinky Wu

Approved Signatory

scan to see the report



NGBHL21000410301



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	Test Requirement	Conclusion
1	RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU	See Results

Test Results:

Test Part Description:

SN ID.	Sample No.	SGS Sample ID	Description
SN1	A1	NGB21-0004103-0001.C001	Translucent silicone rubber piece

Remarks:

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

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Limit	Units	MDL	A1
Cadmium(Cd)	100	mg/kg	2	ND
Lead(Pb)	1000	mg/kg	2	ND
Mercury(Hg)	1000	mg/kg	2	ND
Hexavalent Chromium(CrVI)	1000	mg/kg	8	ND
Sum of PBBs	1000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND



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Test Item(s)	Limit	Units	MDL	A1
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	mg/kg	5	ND
Dibutyl Phthalate(DBP)	1000	mg/kg	50	ND
Benzyl Butyl Phthalate(BBP)	1000	mg/kg	50	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	1000	mg/kg	50	ND
Diisobutyl Phthalate(DIBP)	1000	mg/kg	50	ND

Notes:

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.

IEC 62321 series is equivalent to EN 62321 series

https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25

(2) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.



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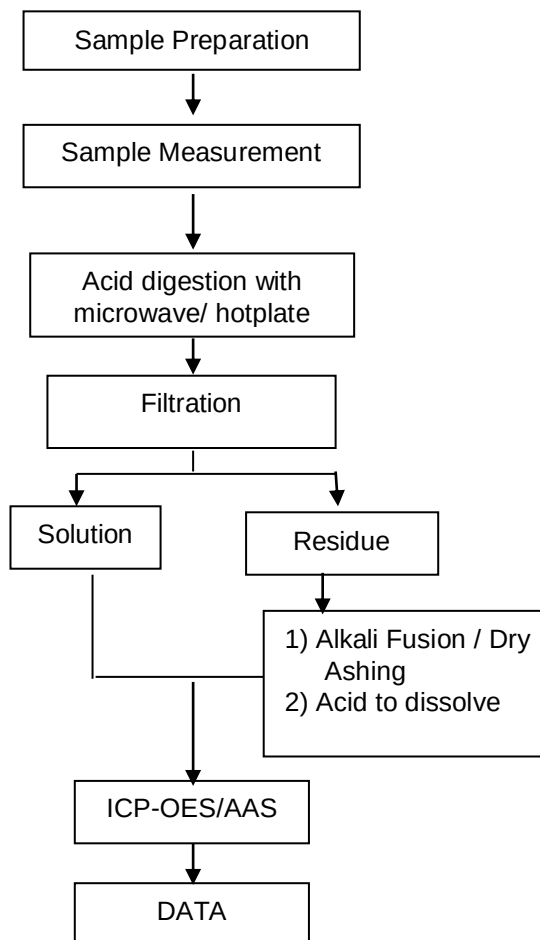
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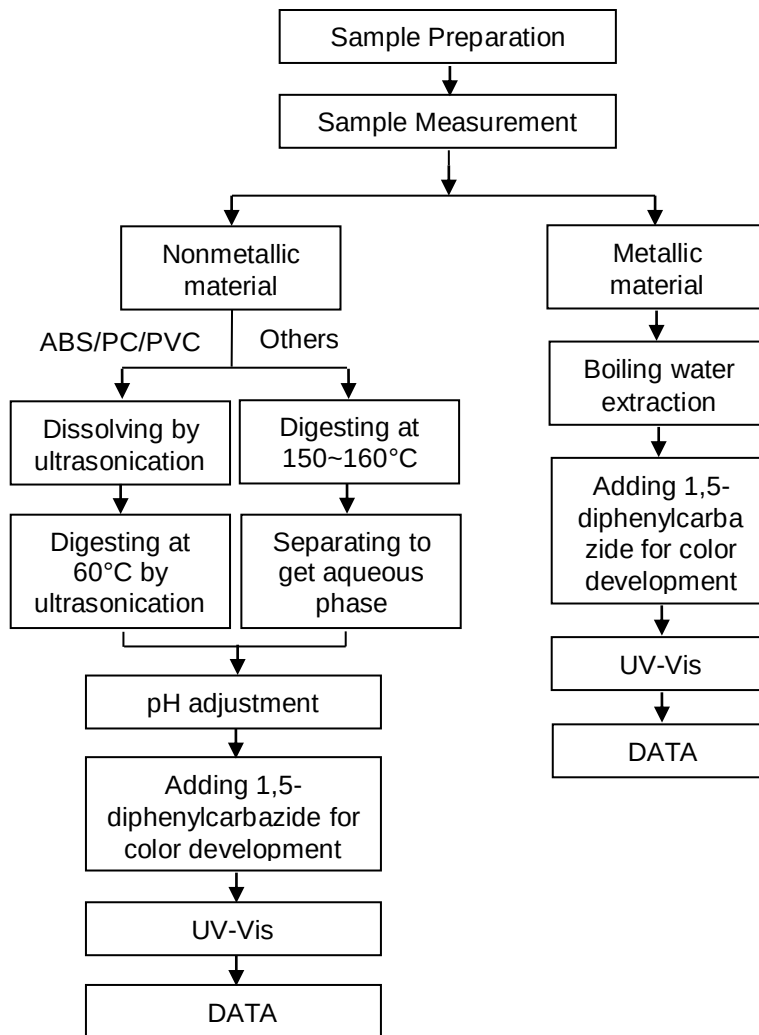
Elements (IEC62321) Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.



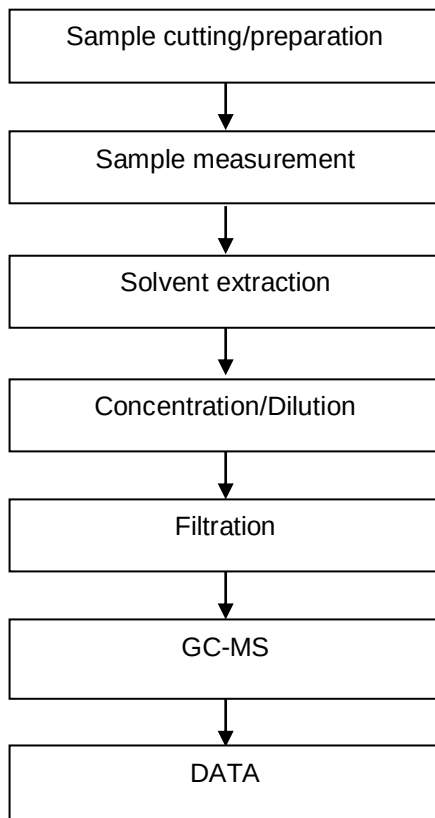
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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Phthalates Testing Flow Chart



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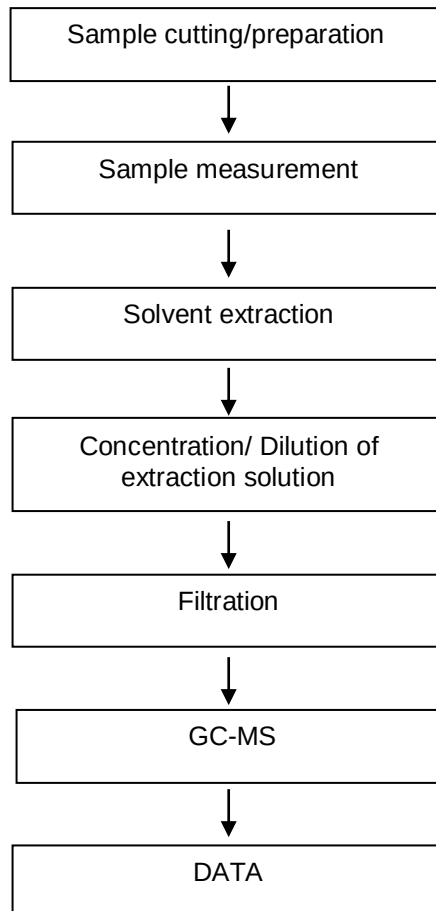
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PBBs/PBDEs Testing Flow Chart



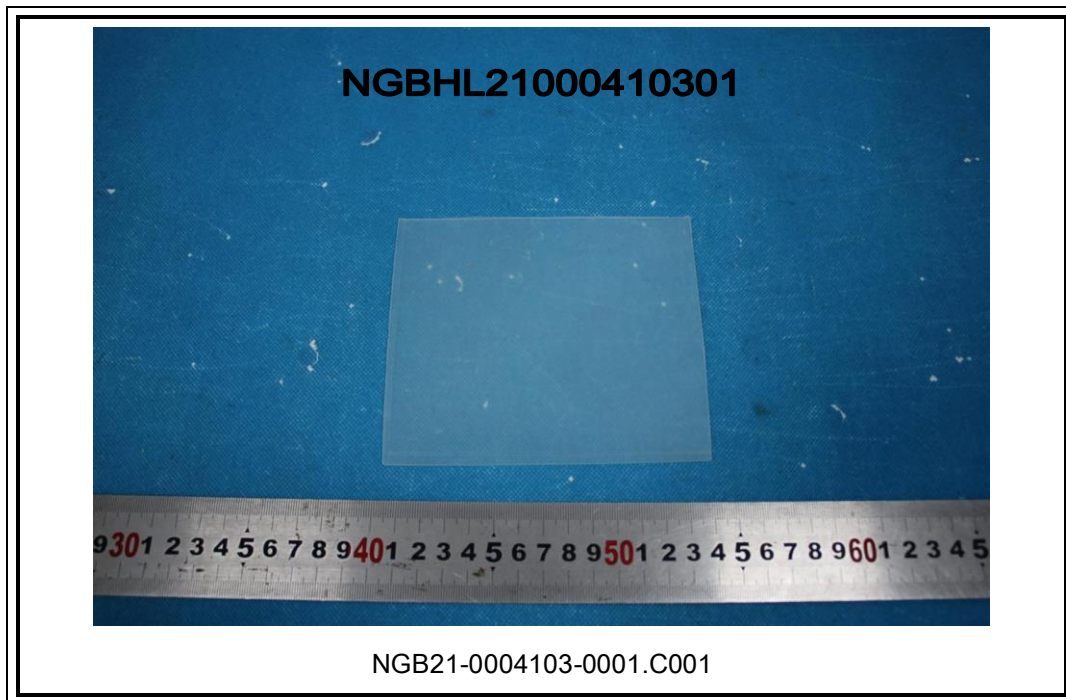
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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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