

Test Report

No.: CANPC25002307102

Date: Feb 18, 2025

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Client Name: SHENZHEN GENVAN SILICONE MATERIALS CO.,LTD/DONGGUAN GENVAN SILICONE TECHNOLOGY CO.,LTD/HUBEI GENVAN NEW MATERIALS CO.,LTD
Client Address: NO.29 SHAKENG ROAD,BILING,PINGSHA,SHENZHEN CHINA
NO.5 XILONG ROAD,XICHENG,HENGLI TOWN,DONGGUAN,CHINA
NO.108 MAZONGLING ROAD,XIAOTING DISTRICT,YICHANG CITY,HUBEI PROVINCE,CHINA

Sample Name: silicone rubber

Client Ref. Information: GA-10 series/GA-11 series/GA-12 series/GA-13 series/GA-14 series/
GA-15 series/GA-16 series/GA-17 series/GA-18 series/GA-19 series/
GA20 series/ GA21 series/GA22 series/GA23 series/GA24 series/
GA25 series/GA26 series/GA27 series/GA28 series/GA29 series/
GA-30 series/GA-31 series/GA-32 series/GA-33 series/GA-34 series/
GA-35 series/GA-36 series/GA-37 series/GA-38 series/GA-39 series/
GA-50 series/GA-51 series/GA-52 series/GA-53 series/GA-54 series/
GA-55 series/GA-56 series/GA-57 series/GA-58 series/GA-59 series/
GA-60 series/GA-61 series/GA-62 series/GA-63 series/GA-64 series/
GA-65 series/GA-66 series/GA-67 series/GA-68 series/GA-69 series/
GA-70 series/GA-71 series/GA-72 series/GA-73 series/GA-74 series/
GA-75 series/GA-76 series/GA-77 series/GA-78 series/GA-79 series/
GA-80 series/GA-81 series/GA-82 series/GA-83 series/GA-84 series/
GA-85 series/GA-86 series/GA-87 series/GA-88 series/GA-89 series/
GA-90 series/GA-91 series/GA-92 series/GA-93 series/GA-94 series/
GA-95 series/GA-96 series/GA-97 series/GA-98 series/GA-99 series/
210-AA-0190-001H/210-AA0190-02H

The above sample(s) and information were provided by the client.

SGS Job No.: GZPC2502000544
Sample Receiving Date: Feb 12, 2025
Testing Period: Feb 12, 2025 ~ Feb 17, 2025
Test Requested: Select test(s) as requested by the client.
Test Method(s): Please refer to next page(s).
Test Result(s): Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

史丽兰

Violet Shi 史丽兰
Approved Signatory

Scan to see the report



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This report is English version of CANPC25002307101.



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Guangzhou Branch Technical Services Laboratory

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Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	001	CAN25-0023071-0001.C001	White sheet

Remarks:

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

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

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/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	001
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybromobiphenyl (PBB)	1000	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	5	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	5	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	5	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	5	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	5	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	5	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	5	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	5	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	5	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	5	ND
Polybromodiphenyl ether (PBDE)	1000	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	5	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	5	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	5	ND
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	5	ND



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Test Item(s)	Limit	Unit(s)	MDL	001
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	5	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	5	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	5	ND
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	5	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	5	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	5	ND
Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
Dibutyl phthalate (DBP)	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.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) 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.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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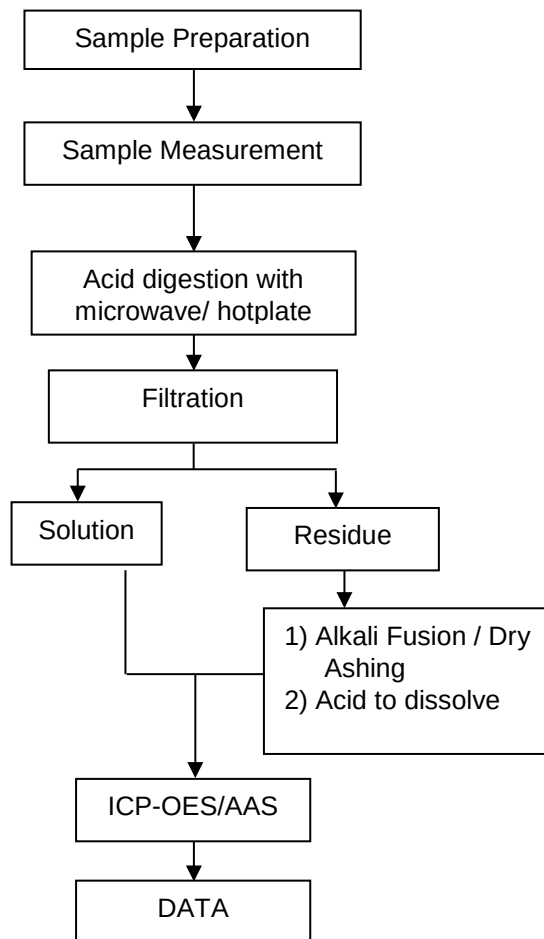
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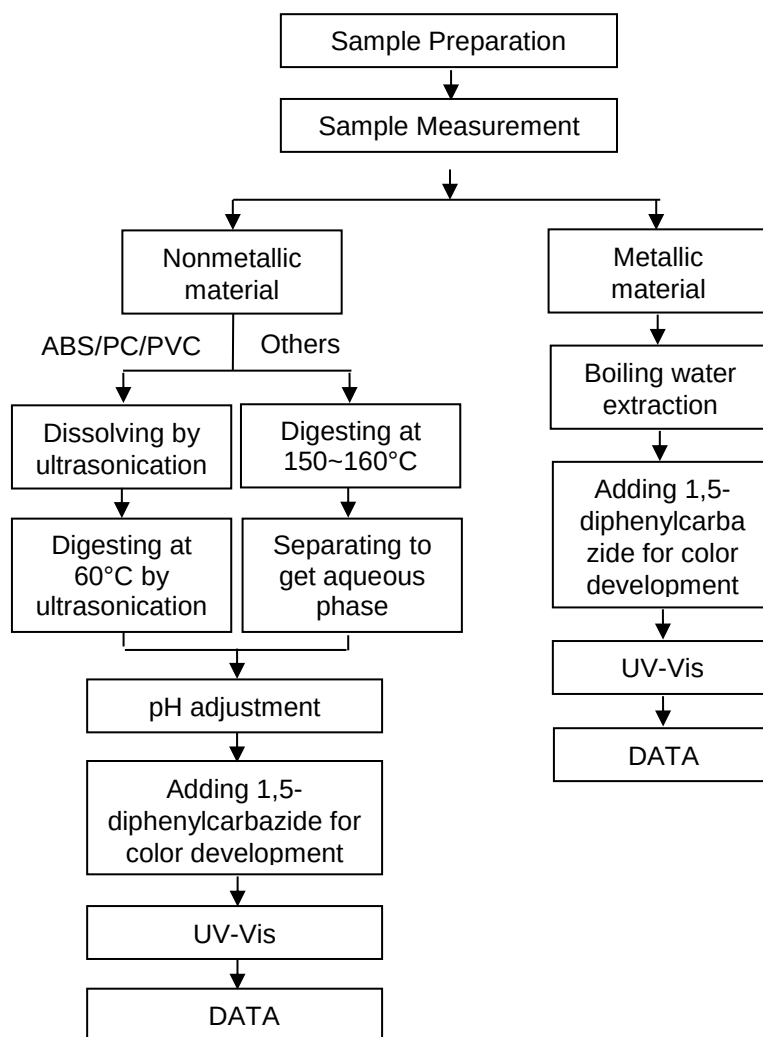
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Elements Testing Flow Chart

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



Hexavalent Chromium (Cr(VI)) Testing Flow Chart



Test Report

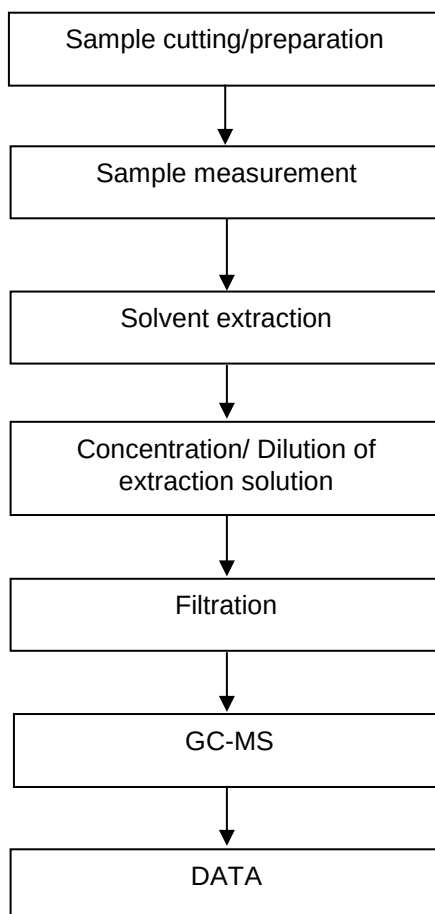
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PBB/PBDE Testing Flow Chart



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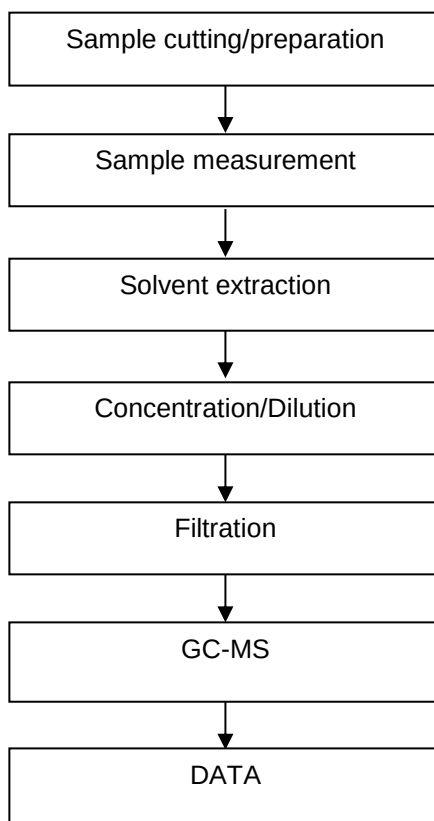
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Phthalates Testing Flow Chart



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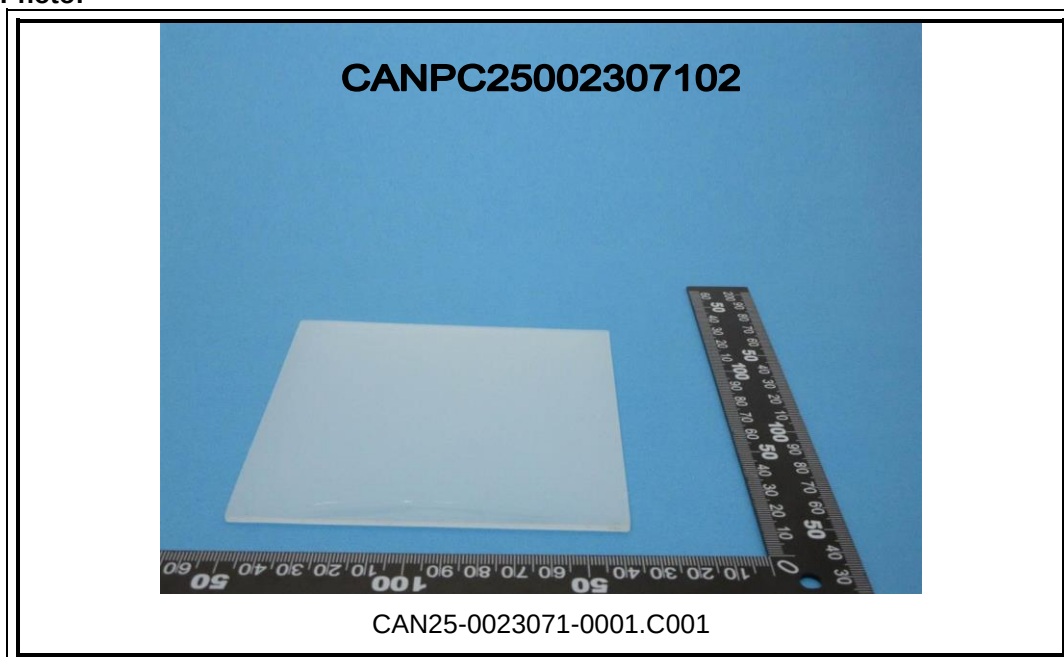
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Sample Photo:



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