



Test Report

Report No.: THSD22120943097EN

Job No.:43097

Date: December 19, 2022

Sample Name : PROPYLENE CARBONATE
Sample Model : /
Exported to : Europe U.S.A
Country of Origin : China
Sample Receive Date : December 09, 2022
Sample Testing Period : December 09, 2022---December 19, 2022
Test Result Summary :

As requested by the applicant, for details refer to attached page(s).

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Pb, Cd, Hg, CrVI, PBBs, PBDEs and Phthalates(DBP, BBP, DEHP, DIBP) content	RoHS Directive 2011/65/EU and its amendment (EU) 2015/863	PASS
Fluorine(F), Chlorine(Cl), Bromine(Br), and Iodine(I) contents	Selected test(s) as requested by client	See Result(s)

* Applicant, address, sample name and model information have been provided by the customer. GTS is not responsible for its authenticity.

For and on behalf of

Shanghai Global Testing Services Co., Ltd.

Authorized Signature



Shi Lei/Kevin

General Manager -GTS/SHO

Page 1 of 4

This report is only responsible for the tested sample(s) and item(s), the testing result(s) is used for scientific research, teaching or internal quality control. Without the writing agreement of the company, the client is not allowed to copy the report in part(entire copy is excepted).



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Test Result(s):

Test Sample Description:

Material No.	Material Description
<u>01</u>	Transparent liquid

1. RoHS(Pb, Cd, Hg, CrVI, PBBs, PBDEs and Phthalates(DBP, BBP, DEHP, DIBP))

Test Method: Lead(Pb), Cadmium(Cd) –IEC 62321-5: 2013
Mercury(Hg) –IEC 62321-4: 2013+AMD1:2017
Chromium VI(CrVI) –IEC 62321-7-2: 2017
PBBs, PBDEs –IEC 62321-6: 2015
DBP, BBP, DEHP, DIBP –IEC 62321-8: 2017

Test item(s)	Limit	Unit	MDL	Result(s)
				<u>01</u>
Lead(Pb)	1000	mg/kg	2	13
Cadmium(Cd)	100	mg/kg	2	N.D.
Mercury(Hg)	1000	mg/kg	2	N.D.
Chromium VI(CrVI)	1000	mg/kg	2	N.D.
Dibutyl phthalate(DBP)	1000	mg/kg	50	N.D.
Butyl benzyl phthalate(BBP)	1000	mg/kg	50	N.D.
Di-2-ethylhexyl phthalate(DEHP)	1000	mg/kg	50	N.D.
Di-iso-butyl phthalate(DIBP)	1000	mg/kg	50	N.D.
Monobromobiphenyls	--	mg/kg	5	N.D.
Dibromobiphenyls	--	mg/kg	5	N.D.
Tribromobiphenyls	--	mg/kg	5	N.D.
Tetrabromobiphenyls	--	mg/kg	5	N.D.
Pentabromobiphenyls	--	mg/kg	5	N.D.
Hexabromobiphenyls	--	mg/kg	5	N.D.
Heptabromobiphenyls	--	mg/kg	5	N.D.
Octabromobiphenyls	--	mg/kg	5	N.D.
Nonabromobiphenyls	--	mg/kg	5	N.D.
Decabromobiphenyl	--	mg/kg	5	N.D.
Group PBBs	1000	mg/kg	--	N.D.
Monobromodiphenyl ethers	--	mg/kg	5	N.D.
Dibromodiphenyl ethers	--	mg/kg	5	N.D.

Page 2 of 4

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<u>Test item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Result(s)</u>
				<u>01</u>
Tribromodiphenyl ethers	--	mg/kg	5	N.D.
Tetrabromodiphenyl ethers	--	mg/kg	5	N.D.
Pentabromodiphenyl ethers	--	mg/kg	5	N.D.
Hexabromodiphenyl ethers	--	mg/kg	5	N.D.
Heptabromodiphenyl ethers	--	mg/kg	5	N.D.
Octabromodiphenyl ethers	--	mg/kg	5	N.D.
Nonabromodiphenyl ethers	--	mg/kg	5	N.D.
Decabromodiphenyl ether	--	mg/kg	5	N.D.
Group PBDEs	1000	mg/kg	--	N.D.
Conclusion(s)				PASS

- Note:**
1. MDL = Method Detection Limit.
 2. N.D. = Not detected, less than MDL.

2. Halogens(Fluorine, Chlorine, Bromine, Iodine) content

Test Method: EN 14582: 2016

<u>Test item</u>	<u>MDL</u>	<u>MDL</u>	<u>Result(s)</u>
			<u>01</u>
Fluorine(F)	mg/kg	100	N.D.
Chlorine(Cl)	mg/kg	50	N.D.
Bromine(Br)	mg/kg	50	N.D.
Iodine(I)	mg/kg	100	N.D.

- Note:**
1. 1000mg/kg = 0.1%;
 2. MDL = Method Detection Limit;
 3. N.D. = Not detected, less than MDL.



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Sample Photo(s):



End of Report