

# ROHS TEST REPORT

Product Name:	PTFE SHEET, PTFE ROD, PTFE TUBE, EPTFE SHEET, EPTFE TAPE
Brand Name:	JOINTEFLON
Model Number:	JT-PS JT-PR, JT-PT, JT-ES, JT-EJT
Applicant	JOINTEFLON COMPANY LIMITED
Address	No. 195 Jiushui East Rd. Qingdao Shandong China
Manufacturer	JOINTEFLON COMPANY LIMITED
Address	No. 195 Jiushui East Rd. Qingdao Shandong China
Prepared By:	Shenzhen DL Testing Technology Co., Ltd.
Address:	Part One of 301, A-2 Factory Building, Yalijia Industrial Plant, No. 87, Hengping Road, Yuanshan Street, Longgang District, Shenzhen, China
Report No.:	DL-2020010197R
Test Standard	IEC62321-1: 2013
Comment	Based on the performed tests on submitted samples, the results of Pb, Cd, Hg, Cr(VI), PBBs, PBDEs, DBP, BBP, DEHP, DIBP comply with the limits as set by EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863.

Prepared by(Engineer): Alisa Song

Date: Jan. 14, 2020 - Jan. 19, 2020

Report No.: DL-2020010197R

Approved(Manager): Jade Yang

Date: Jan. 19, 2020

This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.

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### Test Method:

× × ×	OV - 0 <sup>1</sup>		×	FILE-IIO POLICE			
Test Items	Test Method/ Equipment	MDL	Content	EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863			
Lead(Pb)	REFER TO	2	N.D.	1000			
Cadmium(Cd)	IEC 62321-5:2013.	2 🔿	N.D.	100			
Cer . Or	REFER TO	Cell "	0),	Coll.			
Mercury(Hg)	IEC 62321-4:2013.	2	N.D.	1000			
ON COL	ICP-AES	Q <sub>1</sub>		Orio Cieta Or			
Hexavalent	REFER TO	$\Diamond$	CON	ON CONT.			
Chromium(Cr(VI))	IEC 62321:2008.	ø <sup>*</sup> 2	N.D.	1000			
by Alkaline extraction	UV-VIS	COL	O,	or other contractions			
Phthalates	IEC 62321-8:2017 Ed.1.0	50	N.D.	), (% ), (c			
Mono-bromobiphenyl	OV. COR	5	N.D.	Or Cott			
Di-bromobiphenyl	x Or Got	5	N.D.	Cott			
Tri-bromobiphenyl		5	N.D.	at Ohio Cart			
Tetra-bromobiphenyl	1.00°	5	N.D.	Co K Or Cost			
Penta-bromobiphenyl	REFER TO	5 0	N.D.	OV. Cor. OV			
Hexa-bromobiphenyl	IEC 62321-6:2015.	5	N.D.	0 - 0 - 0			
Hepta-bromobiphenyl	GC-MS	5	N.D.	x di cet			
Octa-bromobiphenyl	50° x 0°	5	N.D.	ex Or Cerr			
Nona-bromobiphenyl	Co .	5 e	N.D.	The state of the control of the state of the			
Deca-bromobiphenyl	O. Co.	5	N.D.	Di Co			
Polybrominated Biphenyls(PBBs)		💍	N.D.	1000			
Mono-bromodiphenyl ether	REFER TO	5	N.D.	at Oh Cat			
Di-bromodiphenyl ether	IEC 62321-6:2015.	5.00	N.D.	Con the Contraction			

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Test Items	Test Method/ Equipment	MDL	Content	EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863
Tri-bromodiphenyl ether	GC-MS	5	N.D.	S. C. Y
Tetra-bromodiphenyl ether	Sex Or	5	N.D.	Cott
Penta-bromodiphenyl ether	Oric Colk	5	N.D.	or, cert
Hexa-bromodiphenyl ether	Orice Cox	5	N.D.	OL' COL
Hepta-bromodiphenyl ether	in of ce	5	N.D.	Cert
Octa-bromodiphenyl ether	Cet Or	© 5 ∑	N.D.	Car Or Car
Nona-bromodiphenyl ether	Y' Got 9	5	N.D.	Ser Di Se
Deca-bromodiphenyl ether	OL' GER	5	N.D.	Oric Cert
Polybrominated Diphenyl Ethers(PBDEs)	Or, Corr		N.D.	1000
Dibutyl phthalate (DBP)		30	N.D.	1000
Butylbenzyl phthalate (BBP)	REFER TO	30	N.D.	1000
Di-(2-ethylhexyl) Phthalate (DEHP)	BS EN 14372:2004, GC-MS	30	N.D.	1000
Di-iso-butyl phthalate (DIBP)	GC-IVIG	30	N.D.	1000

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Tested Sample/Part Description:

- 1 White soft rubber
- 2 White plastic

### Test Results

Or Cau	Cex	Acceptable Limit					
Test Items	<b>1</b> C	2	3	4	5	6	Unit (mg/kg)
Lead (Pb)	N.D.	N.D.	× 1	01/1	et 1	1,00	1000
Cadmium (Cd)	N.D.	N.D.	C.S.	P	P	1	100
Mercury (Hg)	N.D.	N.D.	) 1 ce	1	1	,	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.			, / <	y / jeit	1000
Polybrominated Biphenyls(PBBs)	N.D.	N.D.	-01	OY.	ce <sup>x</sup> i	7,	1000
Monobromobiphenyl	N.D.	N.D.	Leit	1	V. Co.	1	Or - Cert
Dibromobiphenyl	N.D.	N.D.	0,1	3 <sup>6</sup> / ×	100		♦ <u>¥</u> ,c
Tribromobiphenyl	N.D.	N.D.	100	4	× 1	0 1 ce	× 🗸
Tetrabromobiphenyl	N.D.	N.D.	1	150		D	Cert
Pentabromobiphenyl	N.D.	N.D.	O'I	. /	ov 1 6	š / S	Co.
Hexabromobiphenyl	N.D.	N.D.	d. 00	~ & T	9	COST X	- C
Heptabromobiphenyl	N.D.	N.D.	1 👌	10	, ,	1,00	<u> 0</u>
Octabromobiphenyl	N.D.	N.D.	-0~1	O'i	cori	1	- e <u>ir</u>
Nonabromobiphenyl	N.D.	N.D.	Lock.	1	No.	× 1	01, -ceir
Decabromobiphenyl	N.D.	N.D.	01	90° 1	100		Ø <u>¥</u> ,¢
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	N.D.	/	01. C	ž 1	D. 1 Ce	1000
Monobromodiphenyl ether	N.D.	N.D.	K	D	C. C. C.	7	(
Dibromodiphenyl ether	N.D.	N.D.	V 1	· /	) / C	/	0 - ex
Tribromodiphenyl ether	N.D.	N.D.	Q ,	c. 67	1	, C° / x	¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬ ¬

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Tetrabromodiphenyl ether	N.D.	N.D.	1	Š	7		-0 <sup>1</sup>
Pentabromodiphenyl ether	N.D.	N.D.	, 0	10	1		- or - O
Hexabromodiphenyl ether	N.D.	N.D.	cott 1			10	Çe <del>x</del>
Heptabromodiphenyl ether	N.D.	N.D.	Per	/	91	COX 1	Or -con
Octabromodiphenyl ether	N.D.	N.D.	7		10	Jerk	<u> </u>
Nonabromodiphenyl ether	N.D.	N.D.	_ /		E 1	D 1 50°	S V
Decabromodiphenyl ether	N.D.	N.D.		10	Pic		√ √

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Or Car	Result Unit (mg/kg)						Acceptable Limit	
Test Items	01	<b>2</b>	3	4	5	600	Unit (mg/kg)	
Di-isobutyl phthalate(DIBP) CAS #:84-69-5	N.D.	N.D.	-e~1	01	Cet 1	10	1000	
Dibutyl phthalate(DBP) CAS #:84-74-2	N.D.	N.D.	J. Pert	, I	041		1000	
Benzylbutyl phthalate(BBP) CAS #:85-68-7	N.D.	N.D.		P <sup>t</sup>	1		1000	
Di-2-ethylhexyl phthalate(DEHP) CAS #:117-81-7	N.D.	N.D.		7			1000	

# NOTE:

- (1) mg/kg = ppm=parts per million
- (2) N.D. = not detected (<MDL)
- (3) MDL=Method Detection Limit
- (4) "—"=Not regulated

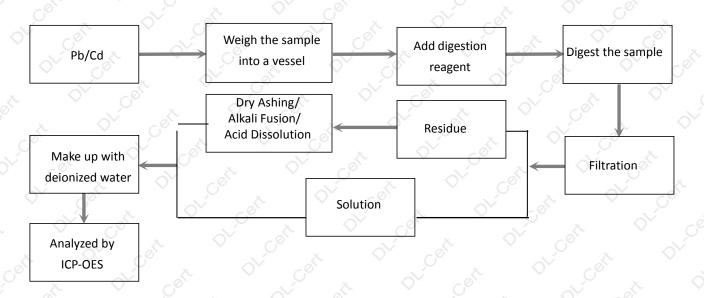
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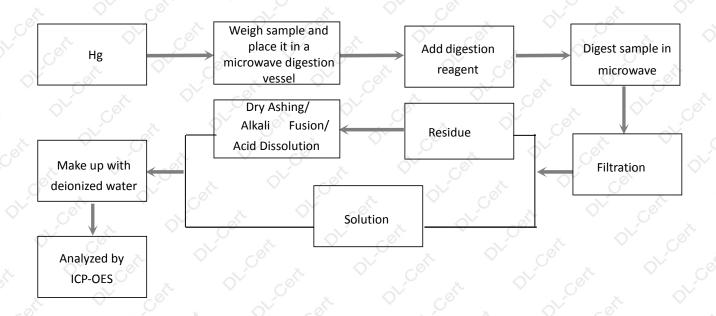
#### Test Process:

The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

#### ♦ IEC 62321-5:2013 Ed.1.0



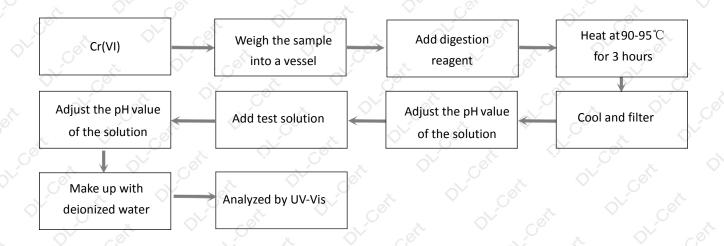
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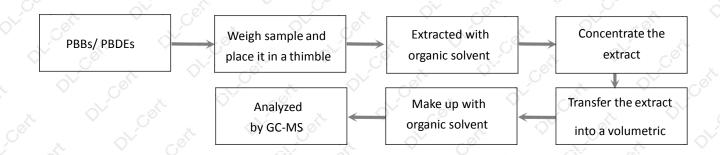
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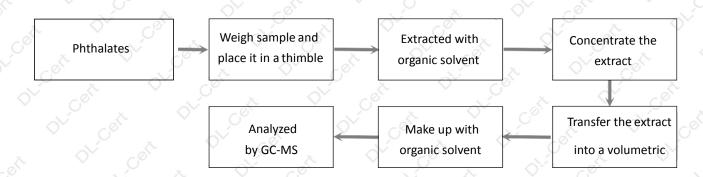
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#### ♦ IEC 62321-6:2015 Ed.1.0



#### ♦ IEC 62321-8:2017 Ed.1.0

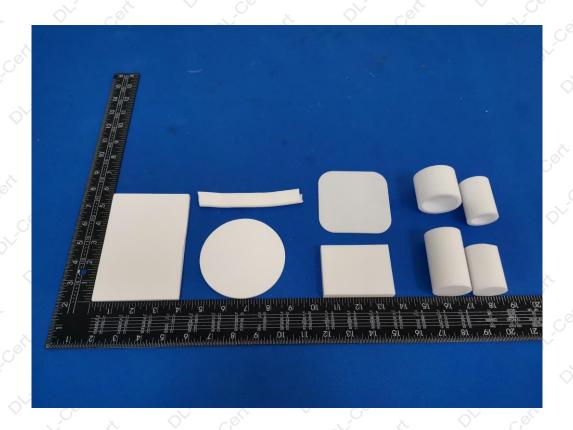


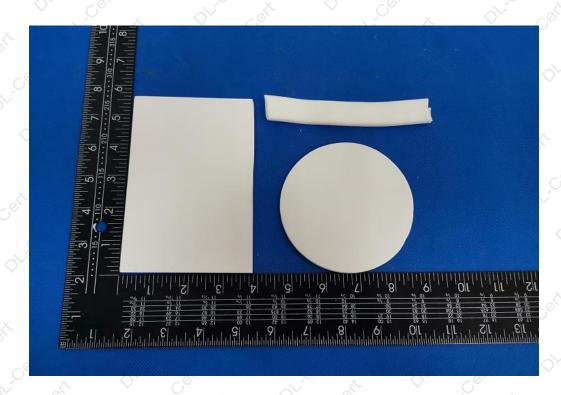
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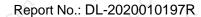
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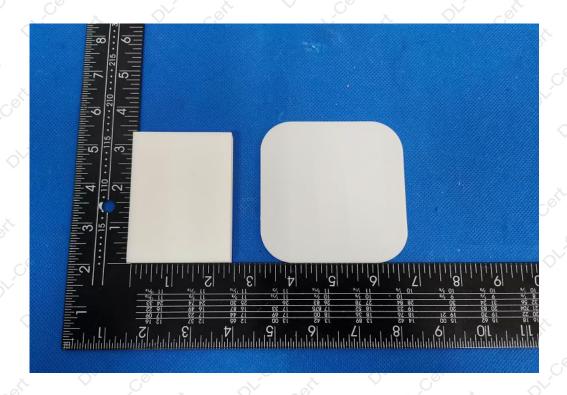




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