



Test Report

No. 3504954-CH01-R2

Date: September 29, 2014

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Teadit North America
1465 E. Sam Houston Pkwy South, Suite 140
Pasadena, TX 77503
United States

This report supersedes all previous documents bearing the test report number 3504954-CH01-R1.

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

Teadit Tealon
Color: Off-White
Sample/Style #: TF 1580 1.6mm
Product End Use: Gasket

Sample Received Date:

6/4/2014

Testing Period

6/10/2014 – 6/12/2014; 9/5/2014 – 9/18/2014

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
1) US FDA 21 CFR 177.1550 – Perfluorocarbon resins	PASS
2) FDA 21 CFR 177.1550- Fluoride extractives (as fluorine).	PASS

Signed for and on behalf of SGS North America, Inc.

Manoj Aluri
Chemist, Chemistry Laboratory

Prepared By:

Veronica Marrero
Laboratory Operations Lead, Chemistry Laboratory

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1. US FDA 21 CFR 177.1630 – Determination of Amount of Net Chloroform Soluble Extractives

Method : With reference to US FDA 21 CFR 177.1550.

Total Extractives:

Extractants	Test Condition	Result (mg/inch ²)	Detection Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		1		
Distilled Water	Reflux	0.17	0.1	0.2
n-Heptane	Reflux	ND	0.1	0.2
8% Ethanol	Reflux	ND	0.1	0.2
Ethyl Acetate	Reflux	ND	0.1	0.2
Comment	--	PASS	--	--

Sample Description :

1. Teadit Tealon Off White – Sample/Style #: TF 1580 1.6mm

- Note :
1. mg/inch² = milligram per square inch
 2. °F = degrees Fahrenheit
 3. ND = Not Detected

2. TEST(S) REQUESTED: Testing performed by an SGS affiliate.

As specified for client, to determine the amount of fluoride extractives(as fluorine) from perfluorocarbon resins for compliance with the Food and Drug Administration Regulations.

TEST METHOD(S):

With reference to FDA 21 CFR 177.1550

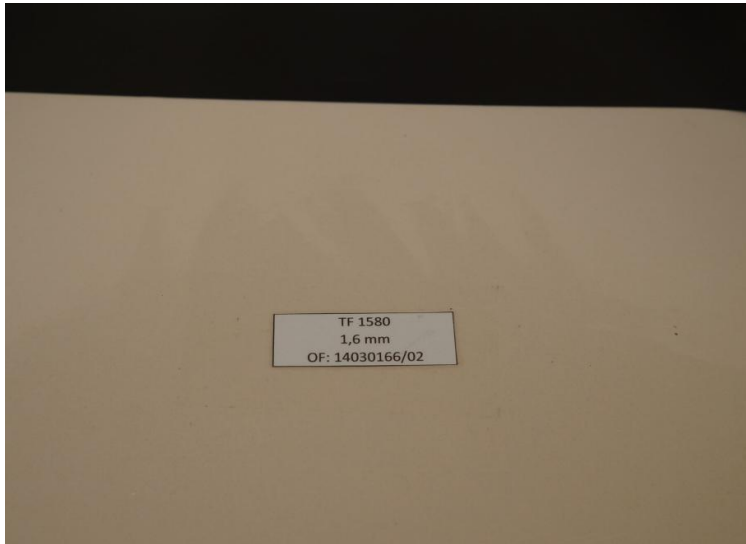
TEST RESULT(S):

FDA 21 CFR 177.1550- Fluoride extractives (as fluorine).

Simulant Used	Time	Temperature	Max. Permissible Limit	Test Result	Comment
50% Ethanol	2hr(s)	Reflux temperature	0.03 mg/inch ²	< 0.03 mg/inch ²	PASS
Ethyl acetate	2hr(s)	Reflux temperature	0.03 mg/inch ²	< 0.03 mg/inch ²	PASS
n-Heptane	2hr(s)	Reflux temperature	0.03 mg/inch ²	< 0.03 mg/inch ²	PASS
Distilled water	2hr(s)	Reflux temperature	0.03 mg/inch ²	< 0.03 mg/inch ²	PASS

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Sample Photo:



SGS authenticates the photo on the original report only

*** End of Report ***