



STC Test Report

Date : 2007-09-20

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No. : HC199573

- Applicant(Code:DAF005)** : Daikin Fluorochemicals (China) Co Ltd
Changshu International Chemical Industrial Park
Haiyu Town Changshu
Jiangsu China
- Description of Sample(s)** : One submitted sample said to be Polyflon PTFE M-18.
- Date Sample(s) Received** : 2007-09-11
- Date Tested** : 2007-09-12 to 2007-09-19
- Investigation Requested** : FDA test in accordance with 21 CFR 177.1550 – Perfluorocarbon resins
- Total extractives in distilled water at reflux temperature for 2 hours
- Total extractives in n-heptane at reflux temperature for 2 hours
- Total extractives in 8% alcohol at reflux temperature for 2 hours
- Fluoride extractives calculated as fluorine in distilled water at reflux temperature for 2 hours
- Fluoride extractives calculated as fluorine in n-heptane at reflux temperature for 2 hours
- Fluoride extractives calculated as fluorine in 8% alcohol at reflux temperature for 2 hours
- Conclusion(s)** : The submitted sample **complied** with the FDA specifications in accordance with 21 CFR 177.1550 for Perfluorocarbon resins used in articles that contact food.

LAU Yuk Kuen, Joey
Chemical and Food Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.



The Hong Kong Standards and Testing Centre Ltd.

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Method(s) Used:

Ref. 21 CFR 177.1550

Test Result(s):

Test for 21 CFR 177.1550

Total extractives	Polyflon PTFE M-18	Limit
- in distilled water	1.8 mg/dm ²	3.1 mg/dm ²
- in n-heptane	<0.1 mg/dm ²	3.1 mg/dm ²
- in 8% alcohol	1.4 mg/dm ²	3.1 mg/dm ²

Fluoride extractives calculated as fluorine	Polyflon PTFE M-18	Limit
- in distilled water	<0.1 mg/dm ²	0.46 mg/dm ²
- in n-heptane	<0.1 mg/dm ²	0.46 mg/dm ²
- in 8% alcohol	<0.1 mg/dm ²	0.46 mg/dm ²

Notes: < denotes less than
mg/dm² denotes milligram per square decimeter

***** End of Test Report *****

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