

Report No. 70.400.22.0111.01-00/01

Dated 2022-03-03



China

## Technical Report

**Applicant:** Zhejiang PFLUON New Materials Co., Ltd.  
No.66,North Huayin Road, High-tech Industrial Park, Quzhou City,  
Zhejiang, China. Post code:324000

**Attn:** Song Juan

**Manufacturer:** Zhejiang PFLUON New Materials Co., Ltd.

**Test subject:** Product: WATER-BASE FLUORORESIN NON-STICK COATING

**Test specification:** 1. For material: Non-stick coating  
— Test for compliance with US FDA 21 CFR Part 177.1550.

**Test result:** Refer to the data listed in following pages

### Conclusion:

1. Total extractives of Distilled Water	Pass
2. Total extractives of 8% Ethanol	Pass
3. Total extractives of n-Heptane	Pass
4. Fluoride extractives calculated as fluorine in Distilled Water	Pass
5. Fluoride extractives calculated as fluorine in 8% Ethanol	Pass
6. Fluoride extractives calculated as fluorine in n-Heptane	Pass

**Remarks:** 1. The result relates only to the items tested  
2. Samples were tested as received  
3. Samples tested were specified by client.

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**Disclaimer Measurement Uncertainty:**

Unless otherwise agreed upon, Pass or Fail verdicts are given base on the measured values without any considerations of measurement uncertainties.

Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

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1. Order
  - 1.1 Date of Purchase Order  
2022-01-11
  - 1.2 Customer's Reference  
Nil
  - 1.3 Receipt Date of Test Sample  
2022-01-11
  - 1.4 Date of Testing  
2022-01-12~2022-01-24
  - 1.5 Document submitted  
Nil
  - 1.6 Location of Testing  
TÜV PS SHA

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## 2. Description of the tested subject

No.	Tested part	Picture
001	WATER-BASE FLUORORESIN NON-STICK COATING	A photograph of a black, circular non-stick pan with a small handle on the right side. The pan is centered against a solid blue background. Below the pan, a portion of a silver ruler is visible, showing markings in centimeters.

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### 3. Test Results

#### 3.1 Test for compliance with US FDA 21 CFR Part 177.1550

Test method: With reference to US FDA 21 CFR Part 177.1550

Test Item(s)	Result(s)[mg/dm <sup>2</sup> ]	CFR Specification [mg/dm <sup>2</sup> ]
	001	
Total extractives of Distilled Water at reflux temperature for 2 hours	0.434	3.1
Total extractives of 8% Ethanol at reflux temperature for 2 hours	0.310	3.1
Total extractives of n-Heptane at reflux temperature for 2 hours	0.435	3.1

Test Item(s)	Result(s)[mg/dm <sup>2</sup> ]	CFR Specification [mg/dm <sup>2</sup> ]
	001	
Fluoride extractives calculated as fluorine in Distilled Water at reflux temperature for 2 hours	<0.01	0.46
Fluoride extractives calculated as fluorine in 8% Ethanol at reflux temperature for 2 hours	<0.01	0.46
Fluoride extractives calculated as fluorine in n-Heptane at reflux temperature for 2 hours	<0.01	0.46

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Chemical Lab

Engineer:

  
Ms. Lu Qianwen

Checked by:

  
Ms. Qi Nannan

-END OF REPORT -

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