

Report No. 70.400.19.757.02-00/01
Dated 2019-07-09



Technical Report

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Test subject: Refer to next pages

Test specification:

1. For material: Acrylonitrile copolymers and resins
 - Test compliance with the Food and Drug Administration Regulations
 - Test with reference to US FDA CFR Title 21 Part 181.32
2. For material : Polyethylene Homopolymer
 - Test for compliance with the Food and Drug Administration Regulations.
 - With reference to US FDA CFR 21 Part 177.1520

Test result: Refer to the data listed in following pages

Conclusion:

1. Acrylonitrile monomer content according to FDA CFR Pass Title 21 Part 181.32
2. Density, extractable fraction in hexane at 50 °C, soluble Pass fraction in xylene FDA CFR 21 Part 177.1520 (Polyethylene Homopolymer)

Remarks:

1. The results relates only to the items tested
2. Samples were tested as received
3. Test items 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**
2019-06-04
2019-06-25
 - 1.2 **Customer's Reference**
Test Model: S2
Sample Name: Water Filter Straw
 - 1.3 **Receipt Date of Test Sample**
2019-06-04
2019-06-25
 - 1.4 **Date of Testing**
2019-06-04~2019-06-14 sample 001
2019-06-25~2019-07-02 sample 002
 - 1.5 **Document submitted**
Nil
 - 1.6 **Location of Testing**
TÜV PS SHA subcontracted lab performed the test

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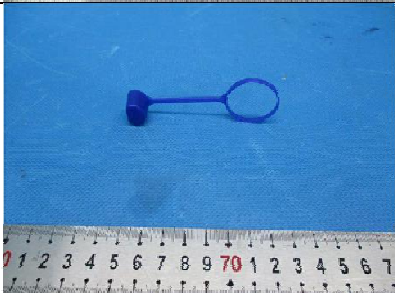
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2. Description of the tested subject

No.	Tested part	Picture
001	Light plastic ABS	
002	Blue plastic PE-homopolymer	

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3. Test Results

3.1 Acrylonitrile Monomer Content

Test with reference to US FDA CFR Title 21 Part 181.32

Extractants and Conditions	Acrylonitrile monomer content (mg/inch ²)	Maximum permissible Limit (mg/inch ²)
	001	
Distilled Water at 150 ⁰ F 2 hours	<0.001	0.003

3.2 Test for compliance with FDA CFR 21 Part 177.1520 (Homopolymer Polyethylene)

Test Item(s)	Result(s)	Specifications
	001	
Density at 23°C, g/mL	0.898	0.85 - 1.00
Extractable fraction in n-hexane at 50 °C, W/W%	1.01	2.6 max.
Soluble fraction in xylene at 25°C , w/w %	3.49	11.3 max.

Remark:

1. g/mL denotes microgram per milliliter
2. °C denotes degree Celsius
3. % denotes percentage by weight
4. Specifications quote from FDA CFR 21 Part 177.1520

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Engineer:


Ms. Peng Qiping

Checked by:


Ms. Qi Nannan

- End of Report -

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Appendix I: photo of whole product



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