

Report No. : B-R211240373

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Sample Name : Disposable Polyethylene Gloves
Test sample : High Density Polyethylene

Sample Received Date : Dec.14,2021
Testing Completed Date : Dec.27,2021

Client Unit : WE PLASTIC MFG CORPORATION LIMITED
Client Address : Liu Guan Zhuang Zhen Liu Guan Zhuang She Qu Liu He Cun, Ju County, Rizhao City, Shandong Province

Manufacture : Luxian Liuguanzhuang Huahang Plastic Factory
Manufacture Address : Liu Guan Zhuang Zhen Liu Guan Zhuang She Qu Liu He Cun, Ju County, Rizhao City, Shandong Province

Client No. : 0865D513

Model No. : --
Sample Model : --

Country of Origin : CHINA

Test Requested : Regulation (EC) No 1935/2004, the Commission Regulation (EU) No 10/2011 and its amendment (EU) No 2016/1416, (EU) No 2017/752, (EU) No 2018/79 and (EU) No 2020/1245
1. Overall migration
2. Specific migration for heavy metal
3. Bisphenol A(BPA) migration

Test Results : PASS (please refer to next page(s)).

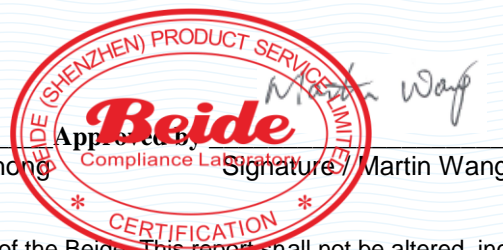


Company No. 07113834

Signed for and on behalf of
Beide (Shenzhen) Product Service Limited

Reported by Shen Xiao
Signature / Shen Xiao

Checked by Austin Zhong
Signature / Austin Zhong



Approved by Martin Wang
Signature / Martin Wang

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Test Result(s): Description of Specimen: A= High Density Polyethylene

1. Overall migration

Test Method: To refer to the EN 1186-1:2002 & EN 1186-3:2002.

| Test Items | Test condition | Result (mg/dm ²) | | | Limit (mg/dm ²) | Report limit (mg/dm ²) |
|---------------------------|----------------|------------------------------|--|--|-----------------------------|------------------------------------|
| | | A | | | | |
| Distilled water | 2 h / 70°C | <0.1 | | | 10 | 0.5 |
| 3% acetic acid | 2 h / 70°C | <0.1 | | | 10 | 0.5 |
| 20% ethanol | 2 h / 70°C | <0.1 | | | 10 | 0.5 |
| 95% ethanol and isooctane | 2 h / 70°C | <0.1 | | | 10 | 0.5 |

Note: mg/dm² = milligram per square decimeter < = less than

2.Extractable Heavy Metal

Test Method: To refer to the EN 13130-1:2004, the analysis was performed by ICP-OES.

| Test Item | Test condition | Result (mg/kg) | | | Limit(mg/kg) |
|---------------------------------|----------------------------|----------------|------------|-----------|--------------|
| | | A | | | |
| | | The first | The second | The third | |
| Specific migration of Barium | 40°C,24h 3% Acetic Acid | <0.1 | <0.1 | <0.1 | 1 |
| Specific migration of Cobalt | | <0.01 | <0.01 | <0.01 | 0.05 |
| Specific migration of Copper | | <0.1 | <0.1 | <0.1 | 5 |
| Specific migration of Iron | | <2 | <2 | <2 | 48 |
| Specific migration of Lithium | | <0.01 | <0.01 | <0.01 | 0.6 |
| Specific migration of Manganese | | <0.01 | <0.01 | <0.01 | 0.6 |
| Specific migration of Zinc | | <1 | <1 | <1 | 25 |

Note: mg/kg = milligram per kilogram = ppm < = less than

* The detection limit of total chromium shall be 0.01mg/kg.If there is evidence that hexavalent chromium is absent, the total chromium limit may be 3.6mg/kg.

3.Bisphenol A(BPA) migration

Test Method: With reference to EN 13130-1:2004, analysis was performed by Liquid Chromatograph Mass Spectrometer (LC-MS).

| Test Item | Test condition | Result (mg/kg) | | | MDL | Limit(mg/kg) |
|-----------------------------|-------------------------|----------------|------------|-----------|------|--------------|
| | | A | | | | |
| | | The first | The second | The third | | |
| Bisphenol A (BPA) migration | 40°C,24h 3% acetic acid | N.D. | N.D. | N.D. | 0.01 | 0.05 |

Note:

mg/kg = milligram per kilogram = ppm

N.D. = Not Detected (< MDL).

MDL = Method Detection Limit.

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Photo of the sample



*** End of report ***

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