

Test Report

Applicant : Yiwu Zhuting Painting Material Co., Ltd.
Address : Yiwu City, Zhejiang Province, nian san li street
Manufacturer : Yiwu Zhuting Painting Material Co., Ltd.
Address : Yiwu City, Zhejiang Province, nian san li street

Equipment Under Test (EUT)

Sample name : Face&Body Painting Kit
Testing type/model : #FC1502
Brand Name : N/A
Received Date : 2023-07-28
Test Date : 2023-07-28 to 2023-08-03
Issue Date : 2023-08-03
Test requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s)
Test Results : Please refer to next page(s)

Result Summary:

Test Requested	Conclusion
1) US FDA 21CFR 177.1520 (Olefin Poymers) - Polypropylene homopolymer a) Density b) Melting point c) Extractable fraction d) Soluble fraction	Pass
2) US FDA 21CFR 175.300-Determination of Amount of Extractives	Pass

***** For more detailed information, please refer to the next page*****

York xin

Jack su

Test/Witness Engineer

Approved & Authorized

Results:

1) US FDA 21CFR 177.1520(Olefin Polymers) Polypropylene homopolymer

a) Density

Method: With refer to 21 CFR 177.1520(C)(1.1a), determined dt 23°C.

b) Melting point

Method: With reference to 21 CFR 177.1520(c) (1.1b)

c) Extractable fraction

Method: With reference to 21 CFR 177.1520(c) (1.1a). Sample preparation in n-hexane at reflux temperature for 2 hours

d) Soluble fraction

Method: With reference to 21 CFR177.1520(C) (1.1a). Sample preparation in xylene at 25°C for 2 hours

Test Item	Result (g/mL)	Unit	Limited
	(1)		
Density at 23°C	0.882	g/mL	0.880-0.913
Melting point	163	°C	160-180
Extractable fraction in n-hexance at reflux temperature, W/W %	1.6	%w/w	6.4
Soluble fraction	3.3		9.8
Comment	PASS		--

Sample Description:

1) Plastics

Note:

g/mL= gram per milliliter

°C= degree Celsius

%w/w=percentage of weight by weight

2). US FDA 21CFR 175.300-Determination of Amount of Extractives

Method: With reference to US FDA 21 CFR175.300. For repeated use

Extractants	Test Condition	Results (mg/inch ²)	Reporting Limit (mg/inch ²)	Permissible Limit (mg/inch ²)
		(2)		
Distilled Water	Fill Boiling, Cool to 100 ^o F	ND	1.0	18
8% Alcohol	150 ^o F for 2 hours	ND	1.0	18
n-Heptane	120 ^o F for 15 minutes	ND	1.0	18
Comment	--	PASS	--	--

Sample Description:

2) Paint-coat

Note:

(mg/inch²)=milligram per square inch

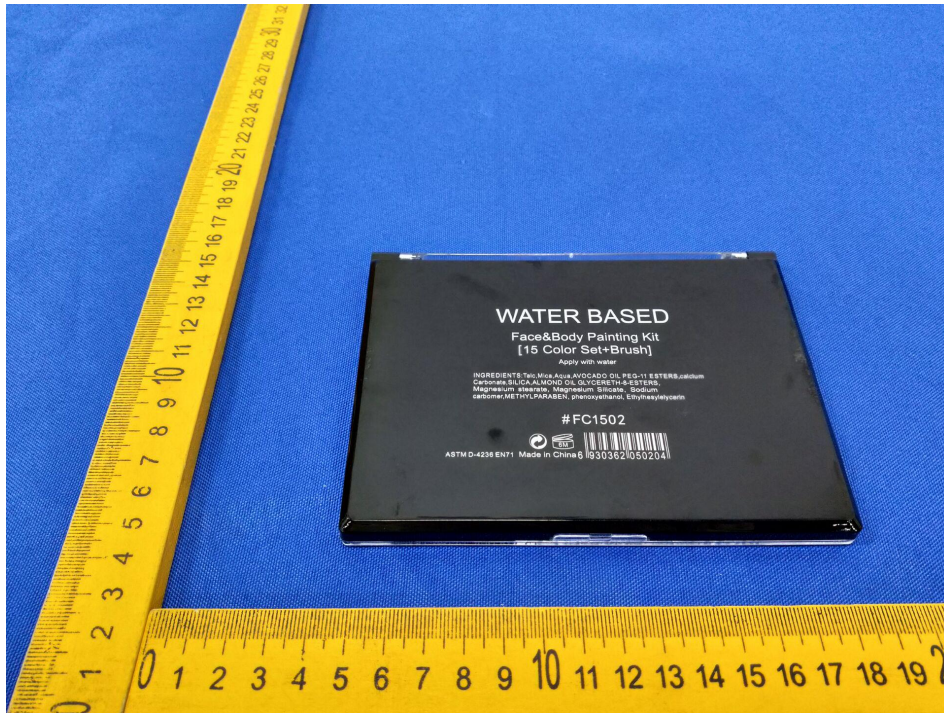
^oF = degrees Fahrenheit

ND=Not Detected

Appendix

Photograph of Sample





END OF REPORT