

**Test Report**

Number: SHAH01315443

Applicant: ZHE JIANG REEF SCIENCE AND TECHNOLOGY  
CO.,LTD  
ANJI LINGGANG ECONOMIC DEVELOPMENT  
ZONE LINGGANG INDUSTRIAL PARK  
Attn: WANG FANGZHONG

Date: 19 Mar, 2021

Sample Description:

One ( 1 ) group of submitted sample said to be :

Item Name :  **EFP413**

Quantity :  **1**

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

**Conclusion:**

<u>Tested Component</u>	<u>Standard</u>	<u>Result</u>
Tested Component of Submitted Sample	U.S. 21 CFR F.D.A. regulation part 177.1520 clauses (c)(1.1a and 1.1b) on polypropylene	Pass
Submitted Sample(s)	EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH and Waste Framework Directive (WFD) requirement in report for details)	Meet Requirement
Tested Component Of Submitted Sample	Restriction of the use of certain hazardous substance in electrical and electronic equipment (RoHS Directive 2011/65/EU and (EU) 2015/863)	Pass

To be continued

Authorized By:  
Intertek Testing Services Ltd. Zhejiang



Peter Chen  
General Manager



## Test Report

Number: SHAH01315443

Tests Conducted

### 1. Test For F.D.A. Regulation On Polypropylene

As per the U.S. 21 CFR Food And Drug Administration part 177.1520 clauses (c)(1.1a and 1.1b) and (d) .

	Result	Limit
	(1)	
(A) Density (by sink float method)	0.896	0.880 - 0.913
(B) Melting point, °C (by melting point apparatus)	163	160 - 180 (1.1a) 150 - 180 (1.1b)
(C) Maximum extractable fraction in n-hexane, % (w/w)	<1.0	6.4
(D) Maximum extractable fraction in xylene, % (w/w)	3.1	9.8

Tested Component: See component list in the last section of this report.

Date Sample Received: Mar 08, 2021

Testing Period: Mar 08, 2021 To Mar 16, 2021

### 2. SVHC Testing

By a combination of Inductively Coupled Argon Plasma Spectrometry, Gas Chromatography – Mass Spectrometry, Liquid Chromatography - Mass Spectrometry, UV-VIS Spectrophotometer, Gas Chromatography - Electron Capture Detector, Headspace Gas Chromatography - Mass Spectrometry and High-Performance Liquid Chromatography.

(a) The First List (15 SVHC Released in October, 2008)

No.	Chemical Substance	CAS No.	Results % (w/w)
			(1)
1	Cobalt Dichloride Δ	7646-79-9	ND
2	Diarsenic Pentoxide Δ	1303-28-2	ND
3	Diarsenic Trioxide Δ	1327-53-3	ND
4	Lead Hydrogen Arsenate Δ	7784-40-9	ND
5	Triethyl Arsenate Δ	15606-95-8	ND
6	Sodium Dichromate Δ	7789-12-0, 10588-01-9	ND
7	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	ND
8	Anthracene	120-12-7	ND
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	ND
10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	ND
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	ND
12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND
13	Dibutyl Phthalate (DBP)	84-74-2	ND
14	Benzyl Butyl Phthalate (BBP)	85-68-7	ND
15	Short Chain Chlorinated Paraffins (C <sub>10-13</sub> )	85535-84-8	ND

(b) The Second List (13 SVHC Release in January, 2010 and March, 2010)

No.	Chemical Substance	CAS No.	Results % (w/w)
			(1)
16	Lead Chromate Δ	7758-97-6	ND

