

TEST REPORT

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The results relate only to the item as received.

Report no.: BKKH26008993

Applicant: BODYSTEEL AND SILVER CO., LTD
63 MOO 5, SOI WATBANG-CO YAEK RONG-FOAM, KANCHANAPHISEK
ROAD., BANGMAENANG, BANGYAI, NONTABURI 11140

Issued Date: Aug 24, 2026

Sample Submitted:

Quantity of sample:	Three (3) bags
Sample description:	Clear bioplast pin
Date sample received:	August 10, 2026

Client Information:

Sample Name:	Bioplast Product F-LNWIRED 1.2x10 / TR
Item no.:	Bioplast
Supplier name:	BODYSTEEL AND SILVER CO., LTD
Country of Origin:	Thailand



To be continued

For and on behalf of :
Intertek Testing Services (Thailand) Ltd.,
Hardlines Laboratory

Ladtaka Wongwiboonporn
Operation Manager
Hardlines Department

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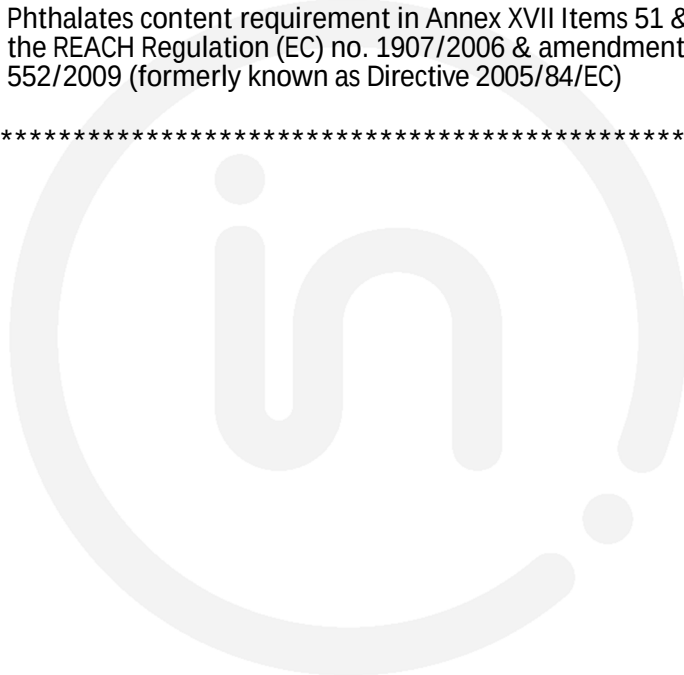
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Test conducted:

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

Conclusion:

<u>Tested samples</u>	<u>Regulation/Client's requirement</u>	<u>Result</u>
Submitted sample	Lead content requirement in Regulation (EU) No 836/2012 of the REACH Regulation (EC) No 1907/2006 Annex XVII Item 63	Pass
	Cadmium content requirement in Regulation (EU) No 494/2011 of the REACH Regulation (EC) No 1907/2006 Annex XVII Item 23	Pass
	EEC commission directive 94/27/EC for Nickel content	Pass
	Phthalates content requirement in Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC)	Pass



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Test conducted:

- 1 Total Lead (Pb) Content
As per Lead content requirement in Regulation (EU) No 836/2012 of the REACH Regulation (EC) No 1907/2006 Annex XVII Item 63, acid digestion method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (%)	LOD (%)	LOQ (%)	Limit (%)
Submitted sample	ND	0.0002	0.0013	0.05

Remark: % = Percentage based on weight of sample;
ND = Not detected (Less than LOD)
LOD = Limit of detection
LOQ = Limit of quantitation

Tested component: Bioplast Product F-LNWIRE 1.2x10 / TR

Testing period: August 10, 2026 to August 17, 2026

- 2 Total Cadmium (Cd) Content
As per Cadmium content requirement in Regulation (EU) No 494/2011 of the REACH Regulation (EC) No 1907/2006 Annex XVII Item 23, acid digestion method was used and total Cadmium content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result (%)	LOD (%)	LOQ (%)	Limit (%)
Submitted sample	ND	0.0001	0.0005	0.01

Remark: % = Percentage based on weight of sample;
ND = Not detected (Less than LOD)
LOD = Limit of detection
LOQ = Limit of quantitation

Tested component: Bioplast Product F-LNWIRE 1.2x10 / TR

Testing period: August 10, 2026 to August 17, 2026

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Test conducted:

3 Nickel (Ni) Content

With reference to EN 1810:1998, Acid digestion method was used, total Nickel content were determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested samples	Result in %	Limit in %
Submitted sample	<0.0005	0.05

Remark: < = Less than
% = Percentage based on weight of sample;

Tested component: Bioplast Product F-LNWIRE 1.2x10 / TR

Testing period: August 10, 2026 to August 17, 2026

4 Phthalate Content Test

With reference to EN14372:2004, clause 5.4.2.3 and Phthalate content was determined by GC-MS analysis.

Substances	Result (%, w/w)	LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w) (max.)
Dibutyl phthalate (DBP)	ND	0.0015	0.0025	--
Diethyl hexyl phthalate (DEHP)	ND	0.0015	0.0025	--
Benzyl butyl phthalate (BBP)	ND	0.0015	0.0025	--
Sum of DBP, DEHP & BBP	ND	0.0015	0.0025	0.1
Di-iso-nonyl phthalate (DINP)	ND	0.0015	0.0025	--
Di-n-octyl phthalate (DNOP)	ND	0.0015	0.0025	--
Di-iso-decyl phthalate (DIDP)	ND	0.0015	0.0025	--
Sum of DINP, DNOP & DIDP	ND	0.0015	0.0025	0.1

Remark : The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC) for phthalate content in toys and childcare articles.

% w/w = Percentage weight by weight
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested component: Bioplast Product F-LNWIRE 1.2x10 / TR

Testing period: August 10, 2026 to August 17, 2026

***** E N D *****/SL/WB/LW

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