



GREEN

WITH ENVIRONMENT FRIENDLY YARN
100% ECO-FRIENDLY RECYCLE MATERIALS

intertek



ZIPPER





CONTENT



1. INTRODUCTION
2. WHAT HSD CAN DO FOR OUR EARTH
3. HSD SELF-RECYCLE PROCESS INTRODUCE
4. HSD GREEN ZIPPER PRODUCTS
5. CERTIFICATION OF ZIPPER PARTS
6. GRS CERTIFICATE & BLUESIGN® CERTIFICATES

INTRODUCTION

ENVIRONMENT FRIENDLY YARN ZIPPER SERIES | GRS 100%

HSD is committed to developing an eco-friendly business model.

Be Green Approach |

- Recycled Materials
- GRS Certificate
- Bluesign® Certificate
- Eco-friendly Equipment — Energy, Waste Water, Air Conditioner

Recycled Zipper is Made of “Green” Raw Material |

- Recycled Fiber
- Recycled PET Bottles
- Recycled Polyester Textiles

Features |

Recycled zipper is greener and much less pollutant, reducing carbon footprint by 33% during the production processes.

- Saving Energy and Reducing Waste
- Reuse
- Recycling



WHAT HSD CAN DO FOR OUR EARTH

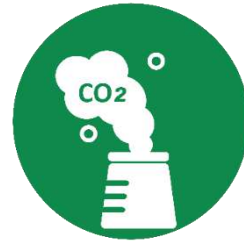
HSD environment friendly yarn zipper series, tape Use 100% Eco-Friendly yarn, just to protect the earth with you.



Produce
1 zipper



Recycle **3** Plastic Bottles
for Earth



Reduce carbon emissions
75.6 g for earth



Save Fuel
1.56 ml for Earth



Reduce Water Usage
256.8 ml for Earth

Note | The above data is estimated by 120 cm length about zipper which have to recycle for a 350 ml capacity bottle.

HSD SELF-RECYCLE PROCESS INTRODUCE

In addition to the green zipper with GRS certification, HSD has a complete production system of environmental protection recycling process, which is a zipper corporation with comprehensive environmental protection manufacturing.



Remark |
 HSD cannot guarantee that a product is suitable for a particular application therefore you should always conduct your own tests ;
 Please contact a HSD representative for details if you have any questions and concern.

HSD GREEN ZIPPER PRODUCTS

Our certified products are as follows: **Plastic zipper, Nylon zipper, Metal zipper**

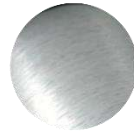
Coil Zipper		HSD CODE		
		0391639	C/E	N5
		0391596	O/E	
Metal Zipper		HSD CODE		
		0391618	C/E	M5
		0391632	O/E	
Plastic Zipper		HSD CODE		
		0391637	C/E	D5
		0391609	O/E	

GRS CERTIFICATES OF ZIPPER PARTS

All Raw Materials Have GRS Certification



Yarn ✓



Monofilament ✓



Copper Wire ✓



Alloy ✓



POM Clips ✓

HSD Get GRS Certificate Product |

Nylon Zipper



Metal Zipper



Plastic Zipper



intertek
Total Quality Assured.
Intertek Testing Services NA, Inc.
300 Chestnut Street
Lowell, MA, USA 01851

SCOPE CERTIFICATE

Intertek declares that:

SHENZHEN HUA SHENG DA ZIPPER CO., LTD
License Number: S05563

No.4, Shishan Industrial Zone, Loucun, Gongming Town, Guangming New District, Shenzhen

has been inspected and assessed according to the:

GLOBAL RECYCLED STANDARD 4.0 (GRS 4.0)

and that products of the categories as mentioned below (and further specified in the annex) conform with this standard:

Product categories: Functional Accessories

Processing steps / activities carried out under responsibility of the above-mentioned company (by the operations as detailed in the annex) for the certified products:
Weaving, Dyeing, Finishing, Trading

Scope Certificate Number: S05563-G4-2020-000841
Initial Certification Date: 28 April 2020
Certificate Issue Date and Place: 28 April 2020 Lowell, MA, USA
Certificate Expiry Date: 27 April 2021

intertek Global Recycled Standard

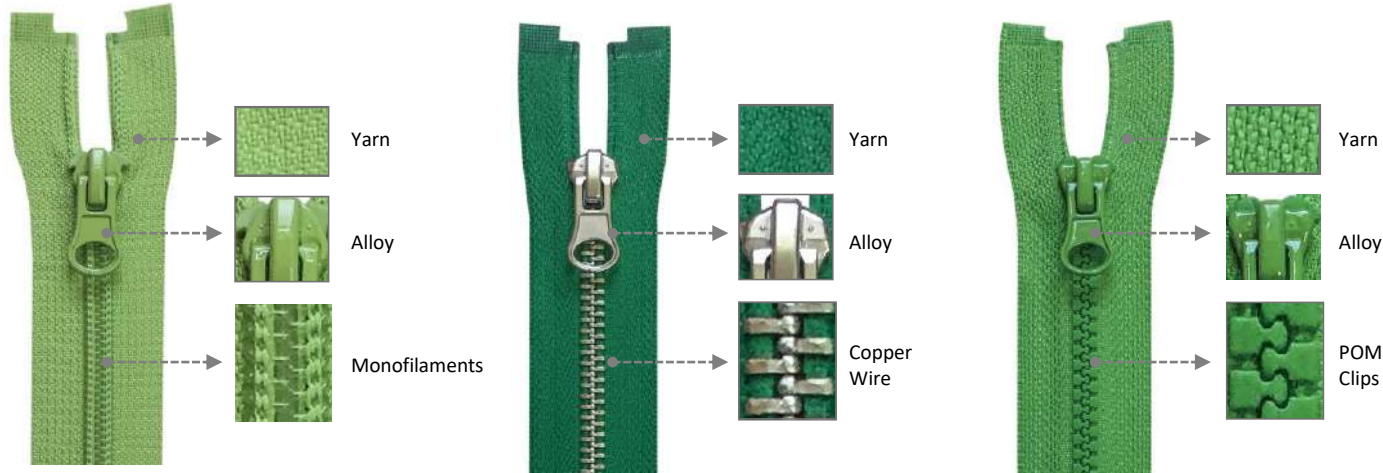
Calin Moldovean
Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

This Certificate of Compliance provides to prove that any goods, delivered by the holder, are certified to the Global Recycled Standard. Proof of certification of goods delivered is provided by a valid International Certificate (IC) covering them. Intertek can verify this certificate before shipping. If the product complies, the holder can guarantee to the customer of this product. Intertek reserves the right to audit the holder, and has only an advisory role in the agreement certification agreement. The certificate's validity is subject to the responsible manufacturing, traceability, and compliance with Intertek's compliance and the holder's certification. Verify that the certificate and/or any certificate and/or product can be scanned by the code in the right with a scanner. The certificate remains the property of Intertek, to whom it must be returned upon request.
Intertek reserves the right to audit the holder. This information is provided for informational purposes only. © 2020 Intertek. All rights reserved.

Scope Certificate S05563-G4-2020-000841 License number: S05563 Page 1 of 1

GRS CERTIFICATES OF ZIPPER PARTS

Zipper Parts of GRS Certificate |



bluesign® |

The bluesign® certificate attests that the article range:
Zipper for Apparel, Outdoor and Sportswear

bluesign® CERTIFICATE



Each Part of GRS Certificate As Following |

Five individual GRS certificates are shown, each with a specific material label:







- Yarn:** Certificate of Compliance for Nanan Shingda Chemical Fiber Co., Ltd.
- Alloy:** Scope Certificate for Qingdao Shihaiyou Industry & Trade Co., Ltd.
- Monofilament:** Certificate of Compliance for YIBU (Yantai) Textile Co., Ltd.
- Copper Wire:** Scope Certificate for Foshan Highnic New Materials Technology Co., Ltd.
- POM Clips:** Certificate of Compliance for Shenzhen Maotai Plastic Co., Ltd.

Note | All material suppliers have gotten GRS certificates.

GRS & BLUESIGN® CERTIFICATES

HSD ENVIRONMENTAL PROTECTION CERTIFICATE GRS & Bluesign®



-  PRODUCT
-  YARN
-  ALLOY
-  MONOFILAMENT
-  COPPER WIRE
-  POM CLIPS



 Bluesign® Certificate

GRS & BLUESIGN® CERTIFICATES

PRODUCT

Total Quality. Assured.
Intertek Testing Services NA, Inc.
900 Chalmersford Street
Lowell, MA, USA 01851

SCOPE CERTIFICATE

Intertek declares that

SHENZHEN HUA SHENG DA ZIPPER CO., LTD

License Number: S05563-G4

No.4, Shisan industrial Zone, Loucun, Gongming Town, Guangming New District, Shenzhen, 518107, China

has been inspected and assessed according to the:

GLOBAL RECYCLED STANDARD 4.0 (GRS 4.0)

and that products of the categories as mentioned below (and further specified in the annex) conform with this standard:

Product categories: Functional accessories (PC0017)

Processing steps / activities carried out under responsibility of the above-mentioned company (by the operations as detailed in the annex) for the certified products:
Trading (PR0030), Dyeing (PR0008), Printing (PR0023), Manufacturing (PR0016), Weaving (PR0033), Warehousing (PR0031), Molding (PR0018)

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

This Scope Certificate provides proof the key good delivered to its holder are GRS certified. Proof of GRS certification of goods delivered is provided for each Certification Certificate (CC) covering them. Importers can withdraw this certificate before 1 year after the declared compliance if no longer guaranteed.
In the location of this certificate, Intertek reserves the right to inspect any party other than the Client, and their work in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the application maintaining their system in accordance with Intertek's requirements for product certification. Validity may be confirmed at www.intertek.com/GRS or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned appropriately.
This electronically issued document is a valid original version.
Accredited by IAF, to IR-0016

Intertek Testing Services NA, Inc. 2020-04-20

Scope Certificate S05563-G4-2021-0021-0000 License number: S05563-G4

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Intertek Testing Services NA, Inc.
900 Chalmersford Street
Lowell, MA, USA 01851

ANNEX TO SCOPE CERTIFICATE

Product Annex to certificate no: S05563-G4-2020-000841

SHENZHEN HUA SHENG DA ZIPPER CO., LTD

Global Recycled Standard 4.0

In specific the certificate covers the following products:

PRODUCT CATEGORY	PRODUCT DETAILS	MATERIAL COMPOSITION	LABEL GRADE
Functional Accessories	Zipper	76% Recycled post-consumer polyester + 24% Recycled post-consumer polyformaldehyde(POM)	GRS
Functional Accessories	Zipper	62% Recycled post-consumer polyformaldehyde(POM) + 38% Recycled post-consumer polyester	GRS
Functional Accessories	Zipper	44% Recycled post-consumer metal(Copper) + 20% Recycled post-consumer polyester + 28% Zinc alloy + 8% Zinc	GRS
Functional Accessories	Zipper	34% Recycled post-consumer copper + 20% Recycled post-consumer polyester + 28% Zinc alloy + 18% Zinc	GRS
Functional Accessories	Zipper	71% Recycled post-consumer polyester + 6% Polyester + 23% Zinc alloy	GRS
Functional Accessories	Zipper	74% Recycled post-consumer polyester + 6% Polyester + 2% polyformaldehyde(POM) + 18% Zinc alloy	GRS
Functional Accessories	Zipper	44% Recycled post-consumer copper + 21% Recycled post-consumer polyester + 23% Zinc + 11% Zinc alloy + 1% Copper alloy	GRS
Functional Accessories	Zipper	42% Recycled post-consumer copper + 20% Recycled post-consumer polyester + 23% Zinc + 15% Zinc alloy	GRS
End			

Lowell, MA, USA, 18 November 2020

Name of the authorized person

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

Intertek Testing Services NA, Inc. 2020-04-20

Scope Certificate S05563-G4-2020-000841 License number: S05563

Total Quality. Assured.
Intertek Testing Services NA, Inc.
900 Chalmersford Street
Lowell, MA, USA 01851

ANNEX TO SCOPE CERTIFICATE

Facility Annex to certificate no: S05563-G4-2020-000841

SHENZHEN HUA SHENG DA ZIPPER CO., LTD

Global Recycled Standard 4.0

Under the scope of this certificate the following facilities have been inspected and assessed. The listed processing steps/activities conform with the corresponding criteria of Global Recycled Standard 4.0 for the certified products:

NAME OF FACILITY	ADDRESS OF OPERATION	PROCESSING STEPS / ACTIVITIES	TYPE OF RELATION
SHENZHEN HUA SHENG DA ZIPPER CO., LTD	No.4, Shisan industrial Zone, Loucun, Gongming Town, Guangming New District, Shenzhen	Weaving, Dyeing, Finishing, Trading	Main Facility

Lowell, MA, USA, 18 November 2020

Name of the authorized person

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

Intertek Testing Services NA, Inc. 2020-04-20

Scope Certificate S05563-G4-2020-000841 License number: S05563

GRS & BLUESIGN® CERTIFICATES

YARN

Control Union Certifications B.V.
Meuwerlaan 4-6, 8011 BZ, Zwolle, Netherlands
+31 38 426 0100
www.controlunion.com

CERTIFICATE OF COMPLIANCE
China Certificate

Certificate No: CU1021455GRS-2019-00027000
Registration No. 1021455

Control Union Certificate no. for:
Xiamen Xianglu Chemical Fiber Co., Ltd.
No.1268 Maqing Road, Haicang Investment Zone
361000 Xiamen, Fujian
China

has been inspected and assessed in accordance with the
Global Recycled Standard (GRS) 4.0

and that products of the synthesis as mentioned below (and further specified in the annex) comply with this standard:
Yarns

Processing sites / activities controlled under responsibility of the above mentioned company (for information as detailed in the annex for certified products):
Trading, Exporting, Processing

This certificate is valid until:
2020-12-04
This annex is valid until:
2019-12-05

Place and date of issue	Stamp of the issuing body	Standard's logo
2019-12-05, Zwolle		

Name of authorized person:
On behalf of the Managing Director
Lifu Wang | Certifier

This electronically issued document is the valid original version.

Control Union Certifications B.V.
PO BOX 10000, MEUWERLAAN 4-6, 8011 BZ, ZWOLLE - NETHERLANDS
T +31 38 426 0500 - F +31 38 421 7040 - cert@controlunion.com | www.controlunion.com

Control Union Certifications B.V.
Meuwerlaan 4-6, 8011 BZ, Zwolle, Netherlands
+31 38 426 0100
www.controlunion.com

Annex to certificate no.: CU1021455GRS-2019-00027000
Xiamen Xianglu Chemical Fiber Co., Ltd.
Global Recycled Standard (GRS)

In specific the certificate covers the following products:

Name of product	Label grade	Processing unit(s)
DTY 875 post-consumer recycled polyester-75 wigh polyester	Post-Consumer	Xiamen Xianglu Chemical Fiber Co., Ltd.

Place and date of issue	Stamp of the issuing body	Standard's logo
2019-12-05, Zwolle		

Name of authorized person:
On behalf of the Managing Director
Lifu Wang | Certifier

This electronically issued document is the valid original version.

Certificate of Compliance, Page 2 / 3

Control Union Certifications B.V.
Meuwerlaan 4-6, 8011 BZ, Zwolle, Netherlands
+31 38 426 0100
www.controlunion.com

Annex to certificate no.: CU1021455GRS-2019-00027000
Xiamen Xianglu Chemical Fiber Co., Ltd.
Global Recycled Standard (GRS)

Under the scope of this certificate the following facilities / subcontractors have been inspected and assessed. The listed processing sites/activities comply with the corresponding criteria of the Global Recycled Standard (GRS) for the certified products:

Name of unit	Address	Processes
Xiamen Xianglu Chemical Fiber Co., Ltd.	No.1268 Maqing Road, Haicang Investment Zone 361000 Xiamen, Fujian China	Trading Exporting Processing

Place and date of issue	Stamp of the issuing body	Standard's logo
2019-12-05, Zwolle		

Name of authorized person:
On behalf of the Managing Director
Lifu Wang | Certifier

This electronically issued document is the valid original version.

Certificate of Compliance, Page 3 / 3

GRS & BLUESIGN® CERTIFICATES

ALLOY

Total Quality Assured.
Intertek Testing Services NA, Inc.
900 Chelmsford Street
Lowell, MA, USA 01851

SCOPE CERTIFICATE

Intertek declares that

Qingdao Shihayou Industry & Trade Co., Ltd

License Number: Q08569

Fuxing Road, Wall Industry Park, Liuting Street, Chengyang District, Qingdao City, Shandong Province, 266109, China

has been inspected and assessed according to the:

GLOBAL RECYCLED STANDARD 4.0 (GRS 4.0)

and that products of the categories as mentioned below (and further specified in the annex) conform with this standard:

Product categories: Fashion Accessory, Hard Goods

Processing steps / activities carried out under responsibility of the above-mentioned company (by the operations as detailed in the annex) for the certified products:
Manufacturing, Trading

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

This Scope Certificate provides assurance that any goods described by its holder are GRS certified. Proof of GRS certification of goods delivered is provided by a valid Transaction Certificate (TC) showing item, Intertek can withdraw this certificate before it expires if the declared compliance is no longer guaranteed.

In the issuance of this certificate, Intertek assumes no liability for any other party. This certificate is issued in accordance with the terms and conditions of Intertek's requirements for product certification. Validity may be confirmed at www.intertek.com or by contacting the scope holder with a smartphone. The certificate remains the property of Intertek, so where it must be returned upon request.

Intertek is a member of the ISO 9001:2015 certified organization.

This electronically issued document is the valid representation.

Scope Certificate Q08569-G4-2020-001134 License number Q08569, Page 1 of 3

Total Quality Assured.
Intertek Testing Services NA, Inc.
900 Chelmsford Street
Lowell, MA, USA 01851

ANNEX TO SCOPE CERTIFICATE

Product Annex to certificate no: Q08569-G4-2020-001134

Qingdao Shihayou Industry & Trade Co., Ltd Global Recycled Standard 4.0

In specific the certificate covers the following products:

PRODUCT CATEGORY	PRODUCT DETAILS	MATERIAL COMPOSITION	LABEL GRADE
Hard Goods	Zinc alloy ingot	100% Pre-consumer recycled zinc alloy material	GRS
Hard Goods	Brass casting ingot	100% Pre-consumer recycled brass material	GRS
Fashion Accessory	Ring blank	100% Pre-consumer recycled zinc alloy material	GRS
Fashion Accessory	Necklace blank	100% Pre-consumer recycled zinc alloy material	GRS
Fashion Accessory	Earring blank	100% Pre-consumer recycled zinc alloy material	GRS
Fashion Accessory	Bracelet blank	100% Pre-consumer recycled zinc alloy material	GRS
Fashion Accessory	Ring blank	100% Pre-consumer recycled brass material	GRS
Fashion Accessory	Necklace blank	100% Pre-consumer recycled brass material	GRS
Fashion Accessory	Earring blank	100% Pre-consumer recycled brass material	GRS
Fashion Accessory	Bracelet blank	100% Pre-consumer recycled brass material	GRS

Lowell, MA, USA, 28 July 2020

Name of the authorized person

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

This electronically issued document is the valid representation.

Scope Certificate Q08569-G4-2020-001134 License number Q08569, Page 2 of 3

Total Quality Assured.
Intertek Testing Services NA, Inc.
900 Chelmsford Street
Lowell, MA, USA 01851

ANNEX TO SCOPE CERTIFICATE

Facility Annex to certificate no: Q08569-G4-2020-001134

Qingdao Shihayou Industry & Trade Co., Ltd Global Recycled Standard 4.0

Under the scope of this certificate the following facilities have been inspected and assessed. The listed processing steps/activities conform with the corresponding criteria of Global Recycled Standard 4.0 for the certified products:

NAME OF FACILITY	ADDRESS OF OPERATION	PROCESSING STEPS / ACTIVITIES	TYPE OF RELATION
Qingdao Shihayou Industry & Trade Co., Ltd	Fuxing Road, Wall Industry Park, Liuting Street, Chengyang District, Qingdao City, Shandong Province, 266109, China	Manufacturing, Trading	Main Facility

Lowell, MA, USA, 28 July 2020

Name of the authorized person

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

This electronically issued document is the valid representation.

Scope Certificate Q08569-G4-2020-001134 License number Q08569, Page 3 of 3

GRS & BLUESIGN® CERTIFICATES

MONOFILAMENT



GRS & BLUESIGN® CERTIFICATES

COPPER WIRE

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Intertek Testing Services NA, Inc.
900 Chelmsford Street
Lowell, MA, USA 01851

SCOPE CERTIFICATE

Intertek declares that

Foshan Highnic New Materials Technology Co., Ltd.

License Number: F16243

No.1 Duozheng Rd., Lubao Industrial Zone, Sanshui District, Foshan City, Guangdong, China

has been inspected and assessed according to the:

GLOBAL RECYCLED STANDARD 4.0 (GRS 4.0)

and that products of the categories as mentioned below (and further specified in the annex) conform with this standard:

Product categories: **Hard Goods**

Processing steps / activities carried out under responsibility of the above-mentioned company (by the operations as detailed in the annex) for the certified products:
Recycling, Trading

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

Scope Certificate Number: F16243-G4-2020-000972
Initial Certification Date: 3 June 2020
Certificate Issue Date and Place: 6 July 2020 Lowell, MA, USA
Certificate Expiry Date: 2 June 2021

This Scope Certificate provides no proof that any goods delivered by its holder are GRS certified. Proof of GRS certification of goods delivered is provided by a valid Transaction Certificate (TC) covering them. Intertek can withdraw this certificate before it expires if the declared compliance is no longer guaranteed.
In the absence of this certificate, Intertek assumes no liability for any party other than to the client, and that only in accordance with the agreed upon Certification Agreement. This certificate is valid only when the responsible manufacturing chain complies with Intertek's requirements for product verification. Substantive proof of compliance can be obtained on the website www.intertek.com/GRS or by scanning the code to the right with a smartphone. This certificate remains the property of Intertek, to whom it must be returned upon request.
Documented by INT - 01/2020

SC-GRS-NA-44-03-Apr-20

Scope Certificate F16243-G4-2020-000972 License number F16243, Page 1 of 3

Total Quality. Assured.
Intertek Testing Services NA, Inc.
900 Chelmsford Street
Lowell, MA, USA 01851

ANNEX TO SCOPE CERTIFICATE

Product Annex to certificate no: F16243-G4-2020-000972

Foshan Highnic New Materials Technology Co., Ltd. Global Recycled Standard 4.0

In specific the certificate covers the following products:

PRODUCT CATEGORY	PRODUCT DETAILS	MATERIAL COMPOSITION	LABEL GRADE
Hard Goods	Brass wire	80% Post-consumer recycled copper + 20% Zinc	GRS
Hard Goods	Brass wire	100% Pre-consumer recycled brass	GRS
Hard Goods	Brass wire	90%Post-consumer recycled copper + 10% Zinc	GRS
Hard Goods	Brass wire	85%Post-consumer recycled copper + 15% Zinc	GRS
Hard Goods	Brass wire	65%Post-consumer recycled copper + 35% Zinc	GRS
Hard Goods	Brass wire	62%Post-consumer recycled copper + 38% Zinc	GRS

Lowell, MA, USA, 6 July 2020

Name of the authorized person

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

SC-GRS-NA-44-03-Apr-20

Scope Certificate F16243-G4-2020-000972 License number F16243, Page 2 of 3

Total Quality. Assured.
Intertek Testing Services NA, Inc.
900 Chelmsford Street
Lowell, MA, USA 01851

ANNEX TO SCOPE CERTIFICATE

Facility Annex to certificate no: F16243-G4-2020-000972

Foshan Highnic New Materials Technology Co., Ltd. Global Recycled Standard 4.0

Under the scope of this certificate the following facilities have been inspected and assessed. The listed processing steps/activities conform with the corresponding criteria of Global Recycled Standard 4.0 for the certified products:

NAME OF FACILITY	ADDRESS OF OPERATION	PROCESSING STEPS / ACTIVITIES	TYPE OF RELATION
Foshan Highnic New Materials Technology Co., Ltd.	No.1 Duozheng Rd., Lubao Industrial Zone, Sanshui District, Foshan City, Guangdong, China	Recycling, Trading	Main Facility

Lowell, MA, USA, 6 July 2020

Name of the authorized person

Calin Moldovean
President, Business Assurance
Intertek Testing Services NA, Inc.

SC-GRS-NA-44-03-Apr-20

Scope Certificate F16243-G4-2020-000972 License number F16243, Page 3 of 3

GRS & BLUESIGN® CERTIFICATES

POM CLIPS

CERTIFICATE OF COMPLIANCE

Intertek declares that

Shenzhen Maotai Plastic Co., Ltd.

28, Building 6, Dianjin Commune, No. 46, Lougang Avenue, Lougang Community, Songgang Street, Bao'an District, Shenzhen, China.

has been inspected and assessed according to the:

GLOBAL RECYCLED STANDARD 4.0 (GRS 4.0)

and that products of the categories as mentioned below (and further specified in the annex) comply with this standard:

Product categories: **Recycling material**

Processing steps / activities carried out under responsibility of the above mentioned company (by the operations as detailed in the annex) for the certified products:
Trading

Certificate Number: S56756-G4-2020-000584

Initial Certification Date: 29 February 2020

Certificate Issue Date: 29 February 2020

Certificate Expiry Date: 28 February 2021

Calin Moldovean
President

Intertek Testing Services NA, Inc.
900 Chelmsford Street
Lowell, MA, USA 01851

This Certificate of Compliance provides no proof that any goods delivered by its holder are certified to the listed standard. Proof of certification of goods delivered is provided by a valid Transaction Certificate (TC) covering them. Intertek can withdraw this certificate before it expires if the declared compliance is no longer guaranteed. In the absence of this certificate, holders assume no liability to any party other than the Client, and their only recourse is with their agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for system certification. Validity may be confirmed via email to certificates.validation@intertek.com or by scanning the code to the right with a smartphone. This certificate remains the property of Intertek, to whom it must be returned upon request. This electronically issued document is the valid original version.

Page 1 of 3

ANNEX TO CERTIFICATE OF COMPLIANCE

Annex to certificate no: S56756-G4-2020-000584

Shenzhen Maotai Plastic Co., Ltd.

Global Recycled Standard 4.0

In specific the certificate covers the following products:

NAME OF PRODUCT	MATERIAL COMPOSITION	PRODUCT CODE
Chips	100% Pre-consumer recycled nylon	R-01-S56756-G4-2020-000584-000001

Shanghai, 29 February 2020

Name of the authorized person

Calin Moldovean
President

Intertek Testing Services NA, Inc.
900 Chelmsford Street
Lowell, MA, USA 01851

This Certificate of Compliance provides no proof that any goods delivered by its holder are certified to the listed standard. Proof of certification of goods delivered is provided by a valid Transaction Certificate (TC) covering them. Intertek can withdraw this certificate before it expires if the declared compliance is no longer guaranteed. In the absence of this certificate, holders assume no liability to any party other than the Client, and their only recourse is with their agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for system certification. Validity may be confirmed via email to certificates.validation@intertek.com or by scanning the code to the right with a smartphone. This certificate remains the property of Intertek, to whom it must be returned upon request. This electronically issued document is the valid original version.

Page 2 of 3

GRS & BLUESIGN® CERTIFICATES

bluesign®

SYSTEM PARTNER

bluesign® CERTIFICATE



CERTIFICATE

Awarded to bluesign® SYSTEM PARTNER
Shenzhen HSD Zipper Co., Ltd.
 No. 4, Shishan Industrial Zone, Gongming Office, Guangming New District, Shenzhen, China

This certificate attests that the article range
Zipper for Apparel, Outdoor and Sportswear
(for exact article identification see "bluesign® APPROVED article lists 021.392.003.doc")
 manufactured in
 Shenzhen HSD Zipper Co., Ltd.
 No. 4, Shishan Industrial Zone, Gongming Office, Guangming New District, Shenzhen, China
 meets the relevant bluesign® CRITERIA.
 Furthermore, above company is granted authorization to use the trademark
bluesign® APPROVED
 for above article(s) according to the valid communication guidelines.

Certificate number: 021.392.003
 Certificate valid until: December 31, 2021

St. Gallen, October 16, 2020


 Jill Dürmain
 CEO
 bluesign technologies ag

bluesign® SYSTEM PARTNERS are responsibly acting parties of the textile supply chain committed to applying the bluesign® SYSTEM. They aim to continuously improve their environmental performance and are focused on a sustainable future.

This document is issued by bluesign technologies under the terms and conditions of the current valid agreement "bluesign® SYSTEM PARTNER AGREEMENT". It is not to be used as a basis for liability, responsibility and jurisdiction under third-party law. The validity of this document is subject to the terms and conditions of the current valid agreement "bluesign® SYSTEM PARTNER AGREEMENT". The sole responsibility of bluesign technologies is to the extent and to the extent of the agreement. The agreement is subject to the applicable laws and regulations. The agreement is subject to the laws of Switzerland. The agreement is subject to the laws of Switzerland. The agreement is subject to the laws of Switzerland.

bluesign technologies ag | Moovenstrasse 18 | 9015 St. Gallen | Switzerland
 Phone +41 (0)71 272 29 90 | info@bluesign.com | www.bluesign.com



Certificate 021.392.003 - Comment
Shenzhen HSD Zipper Co., Ltd.
 No. 4, Shishan Industrial Zone, Gongming Office, Guangming New District, Shenzhen, China

bluesign® SYSTEM PARTNER Shenzhen HSD Zipper Co., Ltd. and the production site Shenzhen HSD Zipper Co., Ltd. are committed to implement and maintain the bluesign® SYSTEM and to comply with the bluesign® CRITERIA.

Relocation of the production site Shenzhen HSD Zipper Co., Ltd. is planned for 2021. In order to allow smooth transition and assessment of the new site, bluesign technologies ag decided to grant certification by end of 2021 as long as Shenzhen HSD Zipper Co., Ltd. is adhering to the agreed actions and timelines for company assessment, corrective actions, chemical assessment and chemical change management.

bluesign technologies ag reserves the right to decide on withdrawal of certificate and elimination from bluesign® GUIDE if Shenzhen HSD Zipper Co., Ltd. does not meet to the agreed requirements.

This certificate will be replaced by a certificate with regular term once the agreed actions are completed.

St. Gallen, October 16, 2020

bluesign technologies ag | Moovenstrasse 18 | 9015 St. Gallen | Switzerland
 Phone +41 (0)71 272 29 90 | Fax +41 (0)71 272 29 96 | info@bluesign.com | www.bluesign.com

page 2/2

GRS & BLUESIGN® CERTIFICATES



bluesign® CERTIFICATE

bluesign® approved article list

Company name:	Shenzhen HSD Zipper Co., Ltd.
Range:	Zipper for Apparel, Outdoor and Sportswear
Group:	Metal slider painted
Certificate number:	021.392.003
bluesign® approved article list:	021.392.003.001
Issued:	October 2, 2020

Generic description
 please order explicitly bluesign® approved items certified and only items with the following properties: made of zinc alloy, painted, no further materials, without coating/electroplating/finishing/print

Article number / code	Article description
HSDSCN2501 slider	for Nylon zipper with U stop
HSDSCN2502 slider	for Nylon zipper with click stops
HSDSCN2503 slider	for Nylon zipper with non-plating aluminum stops
HSDSCN2504 slider	for Nylon long chain zipper
HSDSCN2505 slider	for invisible zipper
HSDSCN2506 slider	for Plastic zipper

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bluesign® approved article list

Company name:	Shenzhen HSD Zipper Co., Ltd.
Range:	Zipper for Apparel, Outdoor and Sportswear
Group:	Coil chain
Certificate number:	021.392.003
bluesign® approved article list:	021.392.003.001
Issued:	October 2, 2020

Generic description
 please order explicitly bluesign® approved items certified and only items with the following properties: made of PES / PET, may contain POM and metal stops/ open parts, includes painted metal parts, no further materials, without coating/electroplating/finishing/print

Article number / code	Article description
HSDSCN2501	Nylon zipper with U stop
HSDSCN2502	Nylon zipper with elastic stops
HSDSCN2503	Nylon zipper with non-plating aluminum stops
HSDSCN2504	Nylon long chain zipper
HSDSCN2505	invisible zipper

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bluesign® approved article list

Company name:	Shenzhen HSD Zipper Co., Ltd.
Range:	Zipper for Apparel, Outdoor and Sportswear
Group:	plastic chain
Certificate number:	021.392.003
bluesign® approved article list:	021.392.003.002
Issued:	October 2, 2020

Generic description
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Article number / code	Article description
HSDSCN2501	Plastic zipper

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GREEN ZIPPER

intertek



THANK YOU

