


ZHEJIANG TREASURELAND AUTO ACCESSORIES CO.,LTD.  
INDUSTRIAL ZONE, TANTOU TOWN, TIANTAI, ZHEJIANG

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : Knitted fabric: 100% polyester plain in black  
Proposed Care Instruction : -  
Test Performed : Selected test(s) as requested by applicant  
Sample Receiving Date : Dec 14, 2015  
Testing Period : Dec 14, 2015 - Dec 17, 2015  
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. For further details, please refer to the following page(s).

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co. Ltd



May Chen (Account Executive)

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**Test Result**

**Colour Fastness To Washing**

(ISO 105-C06:2010; Test No. Ref. A2S, Machine wash at 30°C with 4g/l 'ECE(B)' detergent and 1g/l Sodium perborate solution with 10 steel balls.)

Change in shade	4-5
Staining on multi-fiber stripe	
Acetate	4-5
Cotton	4-5
Nylon	4-5
Polyester	4-5
Acrylic	4-5
Wool	4-5

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good

**Free Formaldehyde Content**

Test Method: According to ISO 14184-1:2011 – Textile – Determination of Formaldehyde Part 1: Free and hydrolyzed formaldehyde (water extraction method). Analysis was performed by UV/VIS spectrophotometer.

**Result**  
**(mg/kg)**

Formaldehyde ND

Note: ND = Not Detected  
1ppm = 1 mg/kg  
Detection limit = 16 mg/kg



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**Azo Dyes**

Test Method:

All Textile: According to EN 14362-1:2012 – Analysis was conducted with GC-MS/HPLC-DAD.

Amines	Result	
	CAS No.	(mg/kg)
4-Aminobiphenyl	92-67-1	ND
Benzidine	92-87-5	ND
4-Chlor-o-toluidine	95-69-2	ND
2-Naphthylamine	91-59-8	ND
o-Aminoazotoluene	97-56-3	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	ND
4-Chloroaniline	106-47-8	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	ND
4,4'-Diaminodiphenylmethane	101-77-9	ND
3,3'-Dichlorobenzidine	91-94-1	ND
3,3'-Dimethoxybenzidine	119-90-4	ND
3,3'-Dimethylbenzidine	119-93-7	ND
4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND
p-Cresidine	120-71-8	ND
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	ND
4,4'-Oxydianiline	101-80-4	ND
4,4'-Thiodianiline	139-65-1	ND
o-Toluidine	95-53-4	ND
4-methyl-m-phenylenediamine / 2,4-Toluyldiamine	95-80-7	ND
2,4,5-Trimethylaniline	137-17-7	ND
4-aminoazobenzene	60-09-3	ND
O-Anisidine	90-04-0	ND
<b>Conclusion</b>		<b>Pass</b>

Note:

ND = Not Detected(&lt;MDL)

MDL(Method Detection Limit)= 5 mg/kg (for individual compound)

**Max Limit:**
**30 mg/kg**
**(for individual compound)**
**Remark:**

Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphthylamine (CAS number 91-59-8) and 4-methoxy-m-phenylene-diamine (CAS number 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used.

In case polyurethane materials are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and



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2,4-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant.

In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.

The EN 14362-1:2012 method will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine. If aniline and/or 1,4-phenylenediamine is not found (i.e. 5mg/kg) by mentioned test method, test result for 4-aminoazobenzene (CAS no. 60-09-3) is considered as "not detected" (i.e. <5mg/kg). Otherwise, the test method of EN 14362-3:2012 will be employed to verify the presence of 4-aminoazobenzene.

Max. limit specified by entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006

**Hexavalent Chromium**

Test Method: With reference to US EPA Method 3060A: 1996 & 7196A: 1992, analysis was performed by UV-Vis.

<u>Test Item(s)</u>	<u>Result</u>
Hexavalent Chromium (CrVI)	ND

**Notes :**

Method Detection Limit = 2 mg/kg  
 ND = Not Detected(< MDL)

**Remarks :**

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )

\*\*\* End of Report \*\*\*



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# 浙江爱特利汽车用品有限公司

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## Declaration of Conformity

We hereby confirm that the following products are produced by our company in conformity to AZO standard specified below:

Art No.	Description	Factory No.	AZO No.
STW101	Star war seat cover Polyester Front 2pcs		SHSL1512289928TX
STW103	Star war seat cover Polyester Front 2pcs		SHSL1512289928TX

ZHEJIANG TREASURELAND AUTO ACCESSORIES CO., LTD

Date: Dec 31<sup>th</sup>.2015

浙江爱特利汽车用品有限公司  
ZHEJIANG TREASURELAND AUTO  
ACCESSORIES CO., LTD.