

SHENZHEN ANDY NEW MATERIAL TECHNOLOGY CO.,LTD
3RD FL, NO.B2 BLD, XUFA SCIENCE AND TECHNOLOGY PARK, MASHANTOU, GONGMING STREET,
GUANGMING, SHENZHEN, CHINA

Sample Description : B-P BACK PAD
Item No. : EUDE FOAM B-P
Manufacturer : ANDY NEW MATERIAL
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Size (Waist to shoulder length) : 47CM-50CM
Type : FB
Level : 1
Sample Receiving Date : Sep 22, 2021
Test Performing Date : Sep 22, 2021 to Oct 12, 2021
Test Performed : EN 1621-2:2014,
Analysis of Azo Dye,
To Determine the pH Value,
Color Fastness to Perspiration
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Lell Wu
Authorized Signatory



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I. Test Conducted: Based on **EN 1621-2:2014** Motorcyclists' protective clothing against mechanical impact Part 2: Motorcyclists' back protectors —Requirements and test methods

Test Results: Details shown as following table

| Clause | Test Method/Requirement | Result | | | | | | |
|------------------------|--|---------|---------|---------------------|--------------------|------------------------|------------------------|------|
| 4 | Requirements | | | | | | | |
| 4.1 | <p>General Motorcyclists' back protectors shall meet an overall requirement that they are safe to use, comfortable to wear and fit for their purpose. Back protectors shall be provided with means of restraint and/or adjustments capable to ensure that the protector is maintained in position during use. This requirement is not applicable for protectors to be inserted or incorporated into garments. Testing shall be carried out according to 5.2.</p> | --- | | | | | | |
| 4.2 | <p>Innocuousness The innocuousness shall comply with the requirements of EN 1621-1.</p> | Pass | | | | | | |
| 4.3 | <p>Minimum dimensions of zones of protection Motorcyclists' back protectors shall have a minimum zone of protection related to the waist to shoulder measure of the largest user indicated by the marking. The minimum dimensions of the zone of protection shall be determined from Table 1, for the upper value of the size range (see 4.6). The dimensions and position of the zone of protection, relative to the coverage provided by the whole product, shall be given in the information supplied by the manufacturer (see Clause 7). NOTE The minimum dimensions of the zones of protection are usually marked on the specimens during the testing procedures.</p> | Pass | | | | | | |
| 4.4 | <p>Impact attenuation When impact protection is tested in accordance with 5.1.6.1 (ambient impact test), 5.1.6.2 (wet impact test) and, if required, 5.1.6.3 (high temperature impact test) and/or 5.1.6.4 (low temperature impact test), the transmitted force shall conform to the values in Table 2. Level 1 or 2 cannot be awarded unless such level is achieved under all of the claimed test conditions.</p> <p style="text-align: center;">Table 2 — Performance levels</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Level 1</th> <th>Level 2</th> </tr> </thead> <tbody> <tr> <td>mean value: ≤ 18 kN</td> <td>mean value: ≤ 9 kN</td> </tr> <tr> <td>single strike: ≤ 24 kN</td> <td>single strike: ≤ 12 kN</td> </tr> </tbody> </table> <p>After each test, there shall be no fragmentation of the sample and no sharp edges shall be formed. However, formation of cracks and loss of soft debris is permissible.</p> | Level 1 | Level 2 | mean value: ≤ 18 kN | mean value: ≤ 9 kN | single strike: ≤ 24 kN | single strike: ≤ 12 kN | Pass |
| Level 1 | Level 2 | | | | | | | |
| mean value: ≤ 18 kN | mean value: ≤ 9 kN | | | | | | | |
| single strike: ≤ 24 kN | single strike: ≤ 12 kN | | | | | | | |



| Clause | Test Method/Requirement | Result |
|--------|---|--------|
| 4.5 | <p>Ergonomic Requirements When examined and tested in accordance with 5.2, back protectors shall be found satisfactory for the use intended for motorcycle as indicated in the information supplied by the manufacturer. The centre line of the protective area shall be in line with the vertebra; the lower back protector shall cover the lumbar region of the back. The requirements are fulfilled if all answers to 5.2.2 are “Yes” .</p> <p>Following questions were answered with “Yes” by assessor(s): a) Can you get on and off a motorcycle? b) Can you comfortably reach the controls of the motorcycle? c) Can you turn your head and torso when on a motorcycle? d) While performing the movements of a), b) and c): 1) Can you confirm that the adjustment system, if present, does not cause discomfort? 2) Does the adjustment system, if present, securely hold the protector in place?</p> | Pass |
| 4.6 | <p>Sizing and size marking Motorcyclists’ back protectors shall be marked with their sizing using a pictogram (see Figure 6) in accordance with Figure 1. The waist to shoulder length, expressed in centimetres, shall be specified as a range up to max. 5 cm. Testing is done according to 5.2.</p> | NT |
| 6 | <p>Marking Motorcyclists' back protectors shall be permanently and clearly marked with at least the following information:</p> | NT |
| | a) Name and/or registered trade mark of the manufacturer or his authorized representative; | NT |
| | b) Identification of the product type, commercial name or code; | NT |
| | c) A graphical representation showing: 1) The type of protector: i) “FB” for full back protector; ii) “CB” for central back protector; or iii) “LB” for lower back protector; 2) The performance level concerning the impact attenuation in accordance with 4.4: i) “T+” if the high temperature impact test is passed (if the test is not claimed, the space is vacant); ii) “T-” if the low temperature impact test is passed (if the test is not claimed, the space is vacant). A suitable graphical representation is shown in Figure 6; | NT |
| | d) A graphical representation showing the size range of the protector (waist to shoulder length as described in 4.6). A suitable graphical representation is shown in Figure 6; | NT |
| | e) Number and year of this European Standard (EN 1621-2:2014); | NT |
| | f) At the discretion of the manufacturer, the graphical symbol according to ISO 7000-1641 (“i” in a book) may be placed on the protector. | NT |
| 7 | Information supplied by the manufacturer | |



| Clause | Test Method/Requirement | Result |
|--------|---|--------|
| | Motorcyclists back protectors shall be supplied with information and instructions for fitting, use and maintenance. These are an essential part of protective equipment. They shall contain at least the following information in the official language(s) of the state or region in which they are placed on the market. The following information shall be given: | NT |
| | a) name and full address of the manufacturer and/or his authorized representative; | NT |
| | b) type of use for which the protector is intended including any relevant restrictions; | NT |
| | c) hazards specific to motorcycling against which some protection is given; | NT |
| | d) hazards specific to motorcycling against which protection is NOT given; | NT |
| | e) care instructions and/or international care symbols; | NT |
| | f) product identification in accordance with above b) and c); | NT |
| | g) number of the European Standard and year of publication (EN 1621-2:2014); | NT |
| | h) explanation of the pictogram and other symbols used; | NT |
| | instruction for use: 1) fitting, how to put on and off, if relevant; 2) performance of impact attenuation not better than as recorded during technical tests; 3) limitations on use (e.g. temperature range, exchange after being exposed to an impact, ageing); 4) instructions for storage and maintenance; 5) instruction for cleaning; 6) appropriate warning against problems which could arise from particular properties or misuse, or alteration or ageing of the protector (e.g. cutting off parts, chemical contaminations); 7) if helpful illustrations, part numbers, etc. shall be added; | NT |
| | j) the type of packaging suitable for transport if relevant; | NT |
| | k) all the information required in Clause 6, including explanation of the elements and performance levels detailed on the marking; | NT |
| | l) instruction on how to adjust the back protector and the restraint system, if applicable; | NT |
| | m) a warning about any changes in environmental conditions, such as temperature, that would significantly reduce the performance of the back protector; | NT |
| | n) dimensions of the zone of protection, relative to the coverage provided by the whole product; Warning: no scapula protection in case of central back protector; Warning: no upper back protection in case of lumbar protector; | NT |
| | o) information on the selection of the correct size of the device; including the information that one single size cannot fit all body dimensions (height and shape) and a warning to avoid choosing too big of a protector because interference with helmet may occur, resulting in a dangerous riding condition: The information of the note of Definition 3.5 may be given to the users; | NT |
| | p) a warning that no back protector can offer full protection against injury; | NT |



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| Clause | Test Method/Requirement | Result |
|--------|--|--------|
| | q) a specific warning that spinal injuries will not be prevented by the back protector; | NT |
| | r) a warning about any contamination, alteration to the back protector, or misuse that would dangerously reduce the performance of the back protector; | NT |
| | s) instructions for caring and cleaning the back protector; | NT |
| | t) instructions concerning inspection and repair of the back protector, when to replace it and how to decide if it no longer provides adequate protection. | NT |

Model: EUDE FOAM B-P

Type: FB

Level: 1

Requested energy: 50J

Annex 1: Force transmission test result

Test Specification: EN 1621-2:2014-5.1

Ambient temperature at time of test: 22.1 °C

| Samples No. | Test site | Size | Peak force (KN) | Requirement for single value | Result | Mean value (KN) | Requirement for mean value | Result |
|--|-----------|---------|-----------------|------------------------------|--------|-----------------|----------------------------|--------|
| 1 (5.1.6.1 Ambient impact test) | 1 | 47-50CM | 17.57 | Level 1: 24kN | Pass | 16.33 | Level 1: 18kN | Pass |
| | 2 | | 15.57 | | Pass | | | |
| | 3 | | 16.47 | | Pass | | | |
| | 4 | | 16.27 | | Pass | | | |
| | 5 | | 15.75 | | Pass | | | |
| 2 (5.1.6.1 Ambient impact test) | 1 | | 17.04 | | Pass | | | |
| | 2 | | 15.30 | | Pass | | | |
| | 3 | | 17.65 | | Pass | | | |
| | 4 | | 16.51 | | Pass | | | |
| | 5 | | 17.00 | | Pass | | | |
| 3 (5.1.6.4 Low temperature impact test (optional) -20°C) | 1 | | 16.58 | | Pass | | | |
| | 2 | | 10.91 | | Pass | | | |
| | 3 | | 14.58 | | Pass | | | |
| | 4 | | 16.19 | | Pass | | | |
| | 5 | | 15.85 | | Pass | | | |
| 4 (5.1.6.2 wet impact test) | 1 | | 13.31 | | Pass | | | |
| | 2 | | 16.48 | | Pass | | | |
| | 3 | | 13.74 | | Pass | | | |
| | 4 | | 14.67 | | Pass | | | |
| | 5 | | 15.34 | | Pass | | | |



II. Analysis of AZO Dye and to Determine the PH Value in the submitted sample.

SGS Ref No.: CAN21-181874

| Test Requested | Result |
|--|-------------|
| pH value | See Results |
| Entry 43 of Commission Regulation (EU) 2020/2096 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Azodyes | PASS |

Test Results :

Test Part Description :

| SGS Sample ID | Description |
|------------------|------------------------------|
| CAN21-181874.001 | Black elastic belt(sample 1) |
| CAN21-181874.002 | Black fabric(sample 2) |
| CAN21-181874.003 | Gray fabric(sample 3) |
| CAN21-181874.004 | Black fabric(sample 4) |

Remarks :

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

pH value

Test Method : With reference to ISO 3071:2020, analysis was performed by pH meter.

| Test Item(s) | 001 | 002 | 003 |
|--------------|-----|-----|-----|
| pH value | 6.8 | 6.2 | 6.1 |
| Test Item(s) | 004 | | |
| pH value | 6.4 | | |



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Notes :

- (1)Extraction medium: KCl solution
- (2)pH value of extraction medium: 5.0 - 7.5
- (3)Temperature of the extraction solution: 22±2°C

Entry 43 of Regulation (EU) 2020/2096 amending Annex XVII of REACH Regulation (EC) No 1907/2006 -Azo Dyes

Test Method : With reference to EN ISO14362-1:2017, analysis was conducted with GC-MS/HPLC-DAD.
 Determination of 4-aminoazobenzene (CAS No.:60-09-3): with reference to EN ISO14362-3:2017, analysis was conducted with GC-MS/HPLC-DAD.

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>001</u> | |
|--|----------------|--------------|-------------|------------|-----------------|-----------------|
| | | | | | <i>Method A</i> | <i>Method B</i> |
| 4-Aminobiphenyl | 92-67-1 | 30 | mg/kg | 5 | ND | ND |
| Benzidine | 92-87-5 | 30 | mg/kg | 5 | ND | ND |
| 4-chloro-o-toluidine | 95-69-2 | 30 | mg/kg | 5 | ND | ND |
| 2-naphthylamine | 91-59-8 | 30 | mg/kg | 5 | ND | ND |
| o-aminoazotoluene | 97-56-3 | 30 | mg/kg | 5 | ND | ND |
| 5-nitro-o-toluidine / | 99-55-8 | 30 | mg/kg | 5 | ND | ND |
| 2-Amino-4-nitrotoluene | | | | | | |
| 4-chloroaniline | 106-47-8 | 30 | mg/kg | 5 | ND | ND |
| 4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole | 615-05-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-diaminodiphenylmethane, MDA | 101-77-9 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dichlorobenzidine | 91-94-1 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dimethoxybenzidine | 119-90-4 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dimethylbenzidine | 119-93-7 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-methylenedi-o-toluidine/3,3'-Dimethyl-4,4'-diaminodiphenylmethane | 838-88-0 | 30 | mg/kg | 5 | ND | ND |
| p-cresidine | 120-71-8 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-methylene-bis-(2-chloroaniline) | 101-14-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-oxydianiline | 101-80-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-thiodianiline | 139-65-1 | 30 | mg/kg | 5 | ND | ND |
| o-toluidine | 95-53-4 | 30 | mg/kg | 5 | ND | ND |
| 4-methyl-m-phenylenediamine / 2,4-Toluylendiamine, TDA | 95-80-7 | 30 | mg/kg | 5 | ND | ND |



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| | | | | | | |
|------------------------|----------|----|-------|---|-------------|-------------|
| 2,4,5-trimethylaniline | 137-17-7 | 30 | mg/kg | 5 | ND | ND |
| 4-aminoazobenzene | 60-09-3 | 30 | mg/kg | 5 | ND | ND |
| O-Anisidine | 90-04-0 | 30 | mg/kg | 5 | ND | ND |
| 2,4-Xylidine | 95-68-1 | 30 | mg/kg | 5 | ND | ND |
| 2,6-Xylidine | 87-62-7 | 30 | mg/kg | 5 | ND | ND |
| Comment | | | | | PASS | PASS |

| Test Item(s) | CAS NO. | Limit | Unit | MDL | 002 | |
|--|----------|-------|-------|-----|-------------|-------------|
| | | | | | Method A | Method B |
| 4-Aminobiphenyl | 92-67-1 | 30 | mg/kg | 5 | ND | ND |
| Benzidine | 92-87-5 | 30 | mg/kg | 5 | ND | ND |
| 4-chloro-o-toluidine | 95-69-2 | 30 | mg/kg | 5 | ND | ND |
| 2-naphthylamine | 91-59-8 | 30 | mg/kg | 5 | ND | ND |
| o-aminoazotoluene | 97-56-3 | 30 | mg/kg | 5 | ND | ND |
| 5-nitro-o-toluidine / 2-Amino-4-nitrotoluene | 99-55-8 | 30 | mg/kg | 5 | ND | ND |
| 4-chloroaniline | 106-47-8 | 30 | mg/kg | 5 | ND | ND |
| 4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole | 615-05-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-diaminodiphenylmethane, MDA | 101-77-9 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dichlorobenzidine | 91-94-1 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dimethoxybenzidine | 119-90-4 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dimethylbenzidine | 119-93-7 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-methylenedi-o-toluidine/3,3'- Dimethyl-4,4'-diaminodiphenylm ethane | 838-88-0 | 30 | mg/kg | 5 | ND | ND |
| p-cresidine | 120-71-8 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-methylene-bis- (2-chloroaniline) | 101-14-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-oxydianiline | 101-80-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-thiodianiline | 139-65-1 | 30 | mg/kg | 5 | ND | ND |
| o-toluidine | 95-53-4 | 30 | mg/kg | 5 | ND | ND |
| 4-methyl-m-phenylenediamine / 2,4-Toluyldiamine, TDA | 95-80-7 | 30 | mg/kg | 5 | ND | ND |
| 2,4,5-trimethylaniline | 137-17-7 | 30 | mg/kg | 5 | ND | ND |
| 4-aminoazobenzene | 60-09-3 | 30 | mg/kg | 5 | ND | ND |
| O-Anisidine | 90-04-0 | 30 | mg/kg | 5 | ND | ND |
| 2,4-Xylidine | 95-68-1 | 30 | mg/kg | 5 | ND | ND |
| 2,6-Xylidine | 87-62-7 | 30 | mg/kg | 5 | ND | ND |
| Comment | | | | | PASS | PASS |



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| Test Item(s) | CAS NO. | Limit | Unit | MDL | 003 | |
|--|----------|-------|-------|-----|-------------|-------------|
| | | | | | Method A | Method B |
| 4-Aminobiphenyl | 92-67-1 | 30 | mg/kg | 5 | ND | ND |
| Benzidine | 92-87-5 | 30 | mg/kg | 5 | ND | ND |
| 4-chloro-o-toluidine | 95-69-2 | 30 | mg/kg | 5 | ND | ND |
| 2-naphthylamine | 91-59-8 | 30 | mg/kg | 5 | ND | ND |
| o-aminoazotoluene | 97-56-3 | 30 | mg/kg | 5 | ND | ND |
| 5-nitro-o-toluidine / 2-Amino-4-nitrotoluene | 99-55-8 | 30 | mg/kg | 5 | ND | ND |
| 4-chloroaniline | 106-47-8 | 30 | mg/kg | 5 | ND | ND |
| 4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole | 615-05-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-diaminodiphenylmethane, MDA | 101-77-9 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dichlorobenzidine | 91-94-1 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dimethoxybenzidine | 119-90-4 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dimethylbenzidine | 119-93-7 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-methylenedi-o-toluidine/3,3'- Dimethyl-4,4'-diaminodiphenylm ethane | 838-88-0 | 30 | mg/kg | 5 | ND | ND |
| p-cresidine | 120-71-8 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-methylene-bis- (2-chloroaniline) | 101-14-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-oxydianiline | 101-80-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-thiodianiline | 139-65-1 | 30 | mg/kg | 5 | ND | ND |
| o-toluidine | 95-53-4 | 30 | mg/kg | 5 | ND | ND |
| 4-methyl-m-phenylenediamine / 2,4-Toluylendiamine, TDA | 95-80-7 | 30 | mg/kg | 5 | ND | ND |
| 2,4,5-trimethylaniline | 137-17-7 | 30 | mg/kg | 5 | ND | ND |
| 4-aminoazobenzene | 60-09-3 | 30 | mg/kg | 5 | ND | ND |
| O-Anisidine | 90-04-0 | 30 | mg/kg | 5 | ND | ND |
| 2,4-Xylidine | 95-68-1 | 30 | mg/kg | 5 | ND | ND |
| 2,6-Xylidine | 87-62-7 | 30 | mg/kg | 5 | ND | ND |
| Comment | | | | | PASS | PASS |

| Test Item(s) | CAS NO. | Limit | Unit | MDL | 004 | |
|----------------------|---------|-------|-------|-----|----------|----------|
| | | | | | Method A | Method B |
| 4-Aminobiphenyl | 92-67-1 | 30 | mg/kg | 5 | ND | ND |
| Benzidine | 92-87-5 | 30 | mg/kg | 5 | ND | ND |
| 4-chloro-o-toluidine | 95-69-2 | 30 | mg/kg | 5 | ND | ND |
| 2-naphthylamine | 91-59-8 | 30 | mg/kg | 5 | ND | ND |
| o-aminoazotoluene | 97-56-3 | 30 | mg/kg | 5 | ND | ND |



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| | | | | | | |
|--|----------|----|-------|---|-------------|-------------|
| 5-nitro-o-toluidine / 2-Amino-4-nitrotoluene | 99-55-8 | 30 | mg/kg | 5 | ND | ND |
| 4-chloroaniline | 106-47-8 | 30 | mg/kg | 5 | ND | ND |
| 4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole | 615-05-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-diaminodiphenylmethane, MDA | 101-77-9 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dichlorobenzidine | 91-94-1 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dimethoxybenzidine | 119-90-4 | 30 | mg/kg | 5 | ND | ND |
| 3,3'-dimethylbenzidine | 119-93-7 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-methylenedi-o-toluidine/3,3'- Dimethyl-4,4'-diaminodiphenylm ethane | 838-88-0 | 30 | mg/kg | 5 | ND | ND |
| p-cresidine | 120-71-8 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-methylene-bis- (2-chloroaniline) | 101-14-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-oxydianiline | 101-80-4 | 30 | mg/kg | 5 | ND | ND |
| 4,4'-thiodianiline | 139-65-1 | 30 | mg/kg | 5 | ND | ND |
| o-toluidine | 95-53-4 | 30 | mg/kg | 5 | ND | ND |
| 4-methyl-m-phenylenediamine / 2,4-Toluyldiamine, TDA | 95-80-7 | 30 | mg/kg | 5 | ND | ND |
| 2,4,5-trimethylaniline | 137-17-7 | 30 | mg/kg | 5 | ND | ND |
| 4-aminoazobenzene | 60-09-3 | 30 | mg/kg | 5 | ND | ND |
| O-Anisidine | 90-04-0 | 30 | mg/kg | 5 | ND | ND |
| 2,4-Xylidine | 95-68-1 | 30 | mg/kg | 5 | ND | ND |
| 2,6-Xylidine | 87-62-7 | 30 | mg/kg | 5 | ND | ND |
| Comment | | | | | PASS | PASS |

Notes :

1. Direct reduction (Method A) refers to the extraction and reduction according to EN ISO 14362-1:2017 clause 10.2 and relevant clauses. Colorant extraction (Method B) refers to the colourant extraction and subsequent reduction according to EN ISO 14362-1:2017 Clause 10.1 and relevant clauses.
2. 4-Aminodiphenyl (CAS No. 92-67-1), 2-Naphthylamine (CAS No. 91-59-8) and 2,4-Diaminoanisole (CAS No. 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information.
3. In case PU is used, e.g. PU Foams or coatings, it cannot be ruled out that MDA (CAS No. 101-77-9) and TDA (CAS No. 95-80-7) can be released from PU material, not from banned azo colorant. Similarly, for pigment prints, MDA will be released from a chemical fixing agent.
4. EN ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, EN ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.



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Sample photo:



Product Photo



Product Photo





Product Photo



Product Photo



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III. Colour Fastness to Perspiration.

SGS Ref. No.: SL92119301925801TX

Sample Description : A-1#BLACK WEBBING
 B-2#BLACK ELASTIC FABRIC
 C-3#GREY ELASTIC FABRIC
 D-4#BLACK FABRIC

Test Result

Colour Fastness To Perspiration

(ISO 105-E04:2013; test specimen in vertical position)

Acid

| - | Unit | A | B | C | Requirement |
|--------------------------------|-------|-----|-------------|-----|-------------|
| Change in Shade | Grade | 4-5 | 4-5 | 4-5 | - |
| Staining On Multi-fibre Stripe | | | | | - |
| Acetate | Grade | 4 | 4-5 | 4-5 | - |
| Cotton | Grade | 4-5 | 4-5 | 4-5 | - |
| Polyamide | Grade | 4 | 4-5 | 4-5 | - |
| Polyester | Grade | 4-5 | 4-5 | 4-5 | - |
| Acrylic | Grade | 4-5 | 4-5 | 4-5 | - |
| Wool | Grade | 4-5 | 4-5 | 4-5 | - |
| - | Unit | D | Requirement | | |
| Change in Shade | Grade | 4-5 | | | - |
| Staining On Multi-fibre Stripe | | | | | - |
| Acetate | Grade | 4-5 | | | - |
| Cotton | Grade | 4-5 | | | - |
| Polyamide | Grade | 4-5 | | | - |
| Polyester | Grade | 4-5 | | | - |
| Acrylic | Grade | 4-5 | | | - |
| Wool | Grade | 4-5 | | | - |

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.



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Colour Fastness To Perspiration

(ISO 105-E04:2013; test specimen in vertical position)

Alkaline

| - | Unit | A | B | C | Requirement |
|--------------------------------|-------|-----|-------------|-----|-------------|
| Change in Shade | Grade | 4-5 | 4-5 | 4-5 | - |
| Staining On Multi-fibre Stripe | | | | | - |
| Acetate | Grade | 4 | 4-5 | 4-5 | - |
| Cotton | Grade | 4 | 4-5 | 4-5 | - |
| Polyamide | Grade | 4 | 4-5 | 4-5 | - |
| Polyester | Grade | 4-5 | 4-5 | 4-5 | - |
| Acrylic | Grade | 4-5 | 4-5 | 4-5 | - |
| Wool | Grade | 4-5 | 4-5 | 4-5 | - |
| - | Unit | D | Requirement | | |
| Change in Shade | Grade | 4-5 | - | | |
| Staining On Multi-fibre Stripe | | | - | | |
| Acetate | Grade | 4-5 | - | | |
| Cotton | Grade | 4-5 | - | | |
| Polyamide | Grade | 4-5 | - | | |
| Polyester | Grade | 4-5 | - | | |
| Acrylic | Grade | 4-5 | - | | |
| Wool | Grade | 4-5 | - | | |

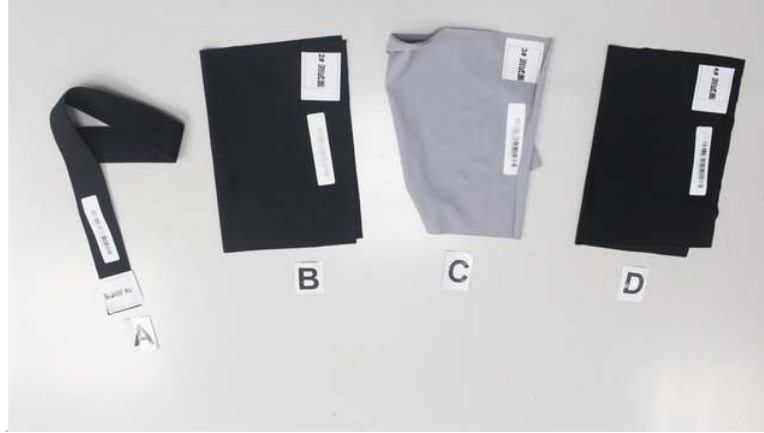
Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.



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Sample Photo



Remark:



1. Pass means the test sample met the requirement of the test item.
2. NA means not applicable.
NT means not tested as per client's request.
3. A material list for each part of the product and a statement to announce the material complying with requirements of the standard are received from the manufacturer.





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Sample photos:

| | |
|---------------------|--|
| <p>Sample photo</p> |  |
| <p>Sample photo</p> |  |

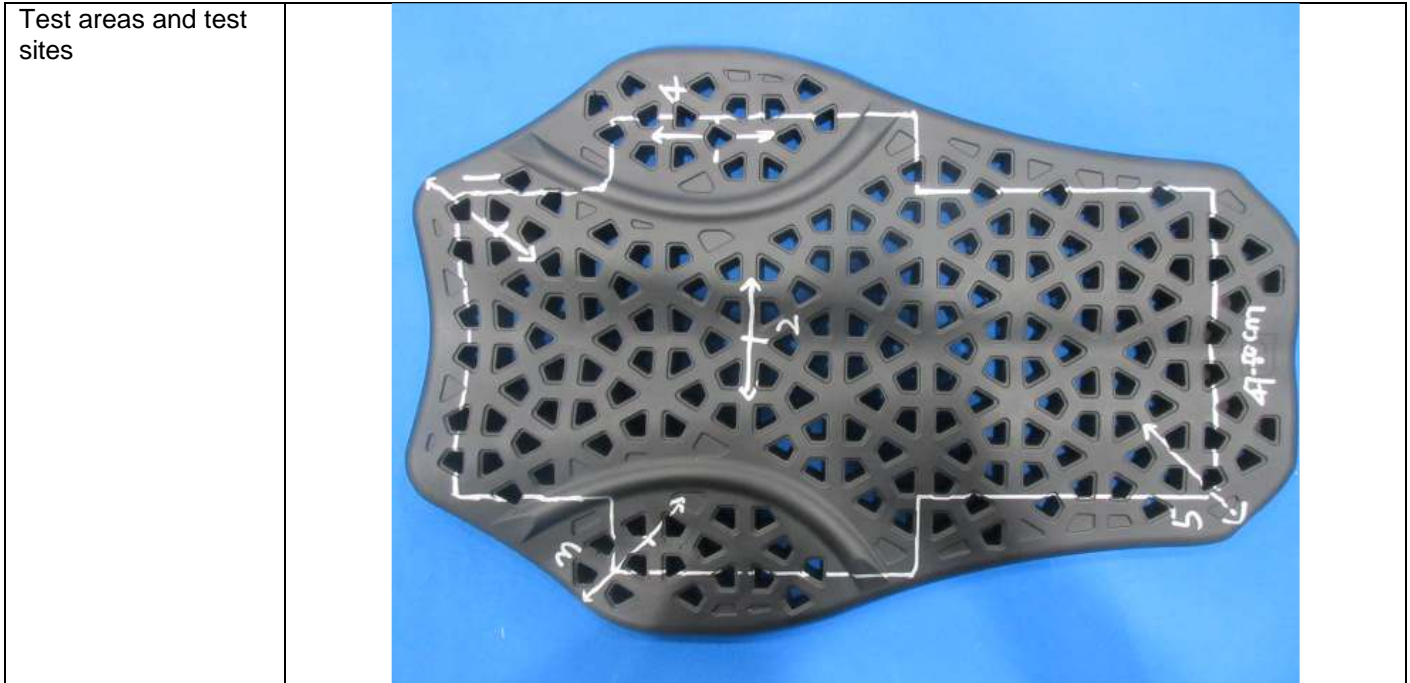


| | |
|-------------------|--|
| <p>Front view</p> |  |
| <p>Back view</p> |  |



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End of Report



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