



1 Tensile Strength (EN ISO 11611:2015, 6.2 & ISO 3376:2011 (Leather))

| Sample | Leather | Directions 1 (#) | Directions 2 (#) | Requirement | Pass/Fail |
|--------|------------|------------------|------------------|-------------|-----------|
| (D) | Specimen 1 | 299 N | 328 N | - | - |
| | Specimen 2 | 329 N | 237 N | - | - |
| | Specimen 3 | 333 N | 293 N | - | - |
| | Mean | 320 N | 290 N | Min. 80 N | Pass |

Remark: # = The Two Directions Are At Right Angles In The Plane Of The Material.

2 Tear Strength (EN ISO 11611:2015, 6.3 & ISO 3377-1:2011(Leather))

| Sample | Leather | Directions 1 (#) | Directions 2 (#) | Class 2 Requirement | Pass/Fail |
|--------|------------|------------------|------------------|---------------------|-----------|
| (D) | Specimen 1 | 143.1 N | 57.7 N | - | - |
| | Specimen 2 | 112.4 N | 47.0 N | - | - |
| | Specimen 3 | 110.7 N | 45.7 N | - | - |
| | Mean | 122.0 N | 50.1 N | * | Pass |

Remark: # = The Two Directions Are At Right Angles In The Plane Of The Material.

* =

| | Leather |
|---------|-----------|
| Class 1 | Min. 15 N |
| Class 2 | Min. 20 N |

3 Seam Strength (EN ISO 11611:2015, 6.5 & ISO 13935-2:2014)

| Sample | Specimen | Results | Requirement | Pass/Fail |
|--------|-----------------|---------|-------------|-----------|
| (A) | 1 | 443 N | - | - |
| | 2 | 480 N | - | - |
| | 3 | 420 N | - | - |
| | 4 | 432 N | - | - |
| | 5 | 326 N | - | - |
| | Arithmetic Mean | 420 N | Min. 225 N | Pass |

| Sample | Specimen | Results | Requirement | Pass/Fail |
|--------|-----------------|---------|-------------|-----------|
| (B) | 1 | 674 N | - | - |
| | 2 | 614 N | - | - |
| | 3 | 421 N | - | - |
| | 4 | 340 N | - | - |
| | 5 | 314 N | - | - |
| | Arithmetic Mean | 470 N | Min. 225 N | Pass |

| Sample | Specimen | Results | Requirement | Pass/Fail |
|--------|-----------------|---------|-------------|-----------|
| (C) | 1 | 476 N | - | - |
| | 2 | 464 N | - | - |
| | 3 | 403 N | - | - |
| | 4 | 700 N | - | - |
| | 5 | 756 N | - | - |
| | Arithmetic Mean | 560 N | Min. 225 N | Pass |

4 Fat Content Of Leather (EN ISO 11611:2015, 6.11 & ISO 4048:1977)

| Sample | Result | Requirement | Pass/Fail |
|--------|--------|-------------|-----------|
| (D) | 2.9% | Max. 15% | Pass |

Remark: This Test In The Report Is Not Included In The CNAS Accreditation Schedule For Our Laboratory.

5 Impact Of Spatter (EN ISO 11611:2015, 6.8 & ISO 9150:1988)

| Sample | Specimen | Drops Of Molten Metal | Class 2 Requirement | Pass/Fail |
|--------|----------|-----------------------|---------------------|-----------|
| (A) | 1 | > 30 | - | - |
| | 2 | > 30 | - | - |
| | 3 | > 30 | - | - |
| | 4 | > 30 | - | - |
| | 5 | > 30 | - | - |
| | 6 | > 30 | - | - |
| | 7 | > 30 | - | - |
| | 8 | > 30 | - | - |
| | 9 | > 30 | - | - |
| | 10 | > 30 | - | - |
| | Mean: | > 30 | * | Pass |

| Sample | Specimen | Drops Of Molten Metal | Class 2 Requirement | Pass/Fail |
|--------|----------|-----------------------|---------------------|-----------|
| (B) | 1 | > 30 | - | - |
| | 2 | > 30 | - | - |
| | 3 | > 30 | - | - |
| | 4 | > 30 | - | - |
| | 5 | > 30 | - | - |
| | 6 | > 30 | - | - |
| | 7 | > 30 | - | - |
| | 8 | > 30 | - | - |
| | 9 | > 30 | - | - |
| | 10 | > 30 | - | - |
| | Mean: | > 30 | * | Pass |

Remark: * =

| | |
|--|---|
| Class 1: | At Least 15 Drops Of Molten Metal To Raise The Temperature Behind The Specimen By 40 K. |
| Class 2: | At Least 25 Drops Of Molten Metal To Raise The Temperature Behind The Specimen By 40 K. |
| NOTE: Material Which Ignites Does Not Fulfill This Test. | |

6 Heat Transfer (Radiation) (EN ISO 11611:2015, 6.9 & ISO 6942:2002, Method B, Heat Flux Density Of 20 kW/m²)

| Sample | Specimen | The Radiant Heat Transfer Index (RHTI For 24°C) | Class 2 Requirement | Pass/Fail |
|--------|----------|---|---------------------|-----------|
| (A) | 1 | 32.6 seconds | - | - |
| | 2 | 28.6 seconds | - | - |
| | 3 | 31.6 seconds | - | - |
| | Mean | 30.9 seconds | * | Pass |

| Sample | Specimen | The Radiant Heat Transfer Index (RHTI For 24°C) | Class 2 Requirement | Pass/Fail |
|--------|----------|---|---------------------|-----------|
| (B) | 1 | 27.2 seconds | - | - |
| | 2 | 30.2 seconds | - | - |
| | 3 | 33.0 seconds | - | - |
| | Mean | 30.1 seconds | * | Pass |

Remark: * =

| | |
|---------|------------------------|
| Class 1 | RHTI 24 ≥ 7.0 seconds |
| Class 2 | RHTI 24 ≥ 16.0 seconds |

7 Electrical Resistance (EN ISO 11611:2015, 6.10 & EN 1149-2:1997)

Test Condition:

1. Conditioned In Temperature (20±2)°C, Relative Humidity: (85±5)%, 24 Hours Before Testing;

2. Input Voltage: 100 Volts;

Test Period: 15 Seconds.

| Sample | Specimen | Vertical Resistance Rv (Ω) | Requirement | Pass/Fail |
|----------------------------|-------------------|----------------------------|---------------------|-----------|
| (A) (Leather + Textile) | 1 | 2.1 x 10 ⁷ | - | - |
| | 2 | 2.4 x 10 ⁷ | - | - |
| | 3 | 2.6 x 10 ⁷ | - | - |
| | 4 | 8.0 x 10 ⁷ | - | - |
| | 5 | 1.0 x 10 ⁸ | - | - |
| | Arithmetical Mean | 5.0 x 10 ⁷ | > 10 ⁵ Ω | Pass |

| Sample | Specimen | Vertical Resistance Rv (Ω) | Requirement | Pass/Fail |
|---------------|-------------------|----------------------------|---------------------|-----------|
| (B) (Leather) | 1 | 8.1 x 10 ⁵ | - | - |
| | 2 | 7.8 x 10 ⁵ | - | - |
| | 3 | 7.8 x 10 ⁵ | - | - |
| | 4 | 7.4 x 10 ⁵ | - | - |
| | 5 | 7.3 x 10 ⁵ | - | - |
| | Arithmetical Mean | 7.7 x 10 ⁵ | > 10 ⁵ Ω | Pass |

8 Limited Flame Spread (EN ISO 11611:2015, 6.7.2)

Test Condition:

Test Method: ISO 15025, Procedure A (Code Letter A1)

Flame Application Time: 10 Seconds

| Pre-treatment | Component | Direction | (A) Lengthwise | | | Cross-Machine | | | Requirement |
|---------------|-----------|----------------|-----------------|-----|-----|---------------|-----|-----|-------------|
| | | | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | 4 ← | 5 → | |
| As Received | Material | Flame Spread | N | N | N | N | N | N | * |
| | | Flaming Debris | N | N | N | N | N | N | |
| | | Hole Formation | N | N | N | N | N | N | |
| | | Afterglow | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Afterflame | 0 | 0 | 0 | 0 | 0 | 0 | |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------------|------------------|-----|-----|-----|--------------|
| As Received | Structural Seam | Separate Of Seam | N | N | N | Not Separate |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------|---|-----|-----|-----|-------------|
| As Received | Hardware | Flame Spread | N | N | N | * |
| | | Flaming Debris | N | N | N | |
| | | Hole Formation | N | N | N | |
| | | Afterglow | 0 | 0 | 0 | |
| | | Afterflame | 0 | 0 | 0 | |
| | | Five Minutes After Test, The Closure System Can Be Opened At Least Once | Y | Y | Y | |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------|-----------------|-----|-----|-----|-------------|
| As Received | Labels | Flame Spread | N | N | N | * |
| | | Flaming Debris | N | N | N | |
| | | Hole Formation | N | N | N | |
| | | Afterglow | 0 | 0 | 0 | |
| | | Afterflame | 0 | 0 | 0 | |

NOTE: This Requirement Is Not Applicable For Labels, Embroideries, Or Other Added Decorations With A Surface Area Of Less Than 10 cm².

Remark: Y = Yes, Observed
N = No, Not Observed

Limited Flame Spread (EN ISO 11611:2015, 6.7.2) (Cont)

| (B) | | | | | | | | | |
|---------------|-----------|-----------------|------------|-----|-----|---------------|-----|-----|-------------|
| Pre-treatment | Component | Direction | Lengthwise | | | Cross-Machine | | | Requirement |
| | | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | 4 ← | 5 → | 6 ← | |
| As Received | Material | Flame Spread | N | N | N | N | N | N | * |
| | | Flaming Debris | N | N | N | N | N | N | |
| | | Hole Formation | N | N | N | N | N | N | |
| | | Afterglow | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Afterflame | 0 | 0 | 0 | 0 | 0 | 0 | |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------------|------------------|-----|-----|-----|--------------|
| As Received | Structural Seam | Separate Of Seam | N | N | N | Not Separate |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------|---|-----|-----|-----|-------------|
| As Received | Hardware | Flame Spread | Y | Y | Y | * |
| | | Flaming Debris | Y | Y | Y | |
| | | Hole Formation | Y | Y | Y | |
| | | Afterglow | 0 | 0 | 0 | |
| | | Afterflame | 47 | 68 | 71 | |
| | | Five Minutes After Test, The Closure System Can Be Opened At Least Once | N | N | N | |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------|-----------------|-----|-----|-----|-------------|
| As Received | Labels | Flame Spread | N | N | N | * |
| | | Flaming Debris | N | N | N | |
| | | Hole Formation | N | N | N | |
| | | Afterglow | 0 | 0 | 0 | |
| | | Afterflame | 0 | 0 | 0 | |

NOTE: This Requirement Is Not Applicable For Labels, Embroideries, Or Other Added Decorations With A Surface Area Of Less Than 10 cm².

Remark: Y = Yes, Observed
N = No, Not Observed

Limited Flame Spread (EN ISO 11611:2015, 6.7.2) (Cont)

| (C) | | | | | | | | | |
|---------------|-----------|-----------------|------------|-----|-----|---------------|-----|-----|-------------|
| Pre-treatment | Component | Direction | Lengthwise | | | Cross-Machine | | | Requirement |
| | | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | 4 ← | 5 → | 6 ← | |
| As Received | Material | Flame Spread | N | N | N | N | N | N | * |
| | | Flaming Debris | N | N | N | N | N | N | |
| | | Hole Formation | N | N | N | N | N | N | |
| | | Afterglow | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Afterflame | 0 | 0 | 0 | 0 | 0 | 0 | |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------------|------------------|-----|-----|-----|--------------|
| As Received | Structural Seam | Separate Of Seam | N | N | N | Not Separate |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------|---|-----|-----|-----|-------------|
| As Received | Hardware | Flame Spread | N | N | N | * |
| | | Flaming Debris | N | N | N | |
| | | Hole Formation | N | N | N | |
| | | Afterglow | 0 | 0 | 0 | |
| | | Afterflame | 0 | 0 | 0 | |
| | | Five Minutes After Test, The Closure System Can Be Opened At Least Once | Y | Y | Y | |

| Pre-treatment | Component | Specimen Number | 1 ↑ | 2 ↓ | 3 ↑ | Requirement |
|---------------|-----------|-----------------|-----|-----|-----|-------------|
| As Received | Labels | Flame Spread | N | N | N | * |
| | | Flaming Debris | N | N | N | |
| | | Hole Formation | N | N | N | |
| | | Afterglow | 0 | 0 | 0 | |
| | | Afterflame | 0 | 0 | 0 | |

NOTE: This Requirement Is Not Applicable For Labels, Embroideries, Or Other Added Decorations With A Surface Area Of Less Than 10 cm².

Remark: Y = Yes, Observed
N = No, Not Observed

Limited Flame Spread (EN ISO 11611:2015, 6.7.2) (Cont)

| Properties | Requirement (Code Letter A1) |
|----------------|---|
| Flame Spread | No Specimen Shall Permit Any Part Of The Lowest Boundary Of Any Flame To Reach The Upper Or Vertical Edge. |
| Flaming Debris | No Specimen Shall Give Flaming Or Molten Debris. |
| Hole Formation | No Specimen Shall Give Hole Formation Of 5 mm Or Greater In Any Direction, Except For An Interlining That Is Used For Specific Protection Other Than Heat And Flame Protection. |
| Afterglow | Afterglow Time Shall Be ≤ 2 s. A Glowing Inside The Charred Area Is Defined In ISO 15025 As Afterglow Without Combustion And For The Purpose Of This Clause Is Not Regarded As Afterglow. |
| Afterflame | Afterflame Time Shall Be ≤ 2 s. |

Compliance: The Submitted Sample A, C **MEETS** The Limited Flame Spread Requirements (Code Letter A1) Of EN ISO 11611:2015 Clause 6.7.2

The Submitted Sample B **DOES NOT MEETS** The Limited Flame Spread Requirements (Code Letter A1) Of EN ISO 11611:2015 Clause 6.7.2

9 pH Value

As Per ISO 13688:2013, 4.2, With Reference To ISO 3071:2005 For Textile, KCI Solution Was Used For Extraction, pH Value Was Measured By pH Meter.

As Per ISO 13688:2013, 4.2, With Reference To ISO 4045:2018 For Leather, pH Value Was Measured By pH Meter.

| Tested Components | Results | Difference Figure | Requirement |
|-------------------|---------------|-------------------|-------------|
| (1) | 2.75 # | 0.65 | * |
| (2) | 5.9 | - | * |
| (3) | 4.6 | - | * |
| (4) | 6.5 | - | * |
| (5) | 6.3 | - | * |

Temperature Of The Extracting Solution: 23.8°C

pH Of The Extracting Solution: 6.21

= Failed item

Remark: * = The pH Value Shall Be Greater Than 3.5 And Less Than 9.5

Tested Components: Please See Component List In The Last Section Of This Report.

Conclusion:

Standard
ISO 13688:2013 For pH Value

Result
Fail

10 Detection Of Amines Derived From Azocolourants and Azodyes

With Reference To Test Method: Textile Method (EN 14362-1: 2012)
Leather Method (EN ISO 17234-1:2010)
P-Aminoazobenzene (EN 14362-3: 2012 / EN ISO 17234-2:2011)

Amines Content Was Determined By Gas Chromatography-Mass Spectrometry (GC-MS) And High Performance Liquid Chromatography (HPLC)

| | Forbidden Amine | CAS No. | Result (mg/kg) | | | | |
|-----|--|----------|----------------|-----|-----|-----|-----|
| | | | (1) | (2) | (3) | (4) | (5) |
| 1. | 4-Aminodiphenyl | 92-67-1 | ND | ND | ND | ND | ND |
| 2. | Benzidine | 92-87-5 | ND | ND | ND | ND | ND |
| 3. | 4-Chloro-o-toluidine | 95-69-2 | ND | ND | ND | ND | ND |
| 4. | 2-Naphthylamine | 91-59-8 | ND | ND | ND | ND | ND |
| 5. | o-Aminoazotoluene | 97-56-3 | ND | ND | ND | ND | ND |
| 6. | 2-Amino-4-nitrotoluene | 99-55-8 | ND | ND | ND | ND | ND |
| 7. | p-Chloroaniline | 106-47-8 | ND | ND | ND | ND | ND |
| 8. | 2,4-Diaminoanisole | 615-05-4 | ND | ND | ND | ND | ND |
| 9. | 4,4'-Diaminodiphenylmethane | 101-77-9 | ND | ND | ND | ND | ND |
| 10. | 3,3'-Dichlorobenzidine | 91-94-1 | ND | ND | ND | ND | ND |
| 11. | 3,3'-Dimethoxybenzidine | 119-90-4 | ND | ND | ND | ND | ND |
| 12. | 3,3'-Dimethylbenzidine | 119-93-7 | ND | ND | ND | ND | ND |
| 13. | 3,3'-Dimethyl-4,4'diaminodiphenylmethane | 838-88-0 | ND | ND | ND | ND | ND |
| 14. | p-Cresidine | 120-71-8 | ND | ND | ND | ND | ND |
| 15. | 4,4'-Methylene-bis(2-chloroaniline) | 101-14-4 | ND | ND | ND | ND | ND |
| 16. | 4,4'-Oxydianiline | 101-80-4 | ND | ND | ND | ND | ND |
| 17. | 4,4'-Thiodianiline | 139-65-1 | ND | ND | ND | ND | ND |
| 18. | o-Toluidine | 95-53-4 | ND | ND | ND | ND | ND |
| 19. | 2,4-Toluylenediamine | 95-80-7 | ND | ND | ND | ND | ND |
| 20. | 2,4,5-Trimethylaniline | 137-17-7 | ND | ND | ND | ND | ND |
| 21. | o-Anisidine | 90-04-0 | ND | ND | ND | ND | ND |
| 22. | 4-Aminoazobenzene | 60-09-3 | ND | ND | 10 | ND | ND |

Remark: ND = Not Detected
Detection Limit = 5 mg/kg
Limit = 30 mg/kg

Tested Components: Please See Component List In The Last Section Of This Report.

Conclusion:

| | |
|---|---------------|
| <u>Standard</u> | <u>Result</u> |
| REACH Regulation (EC) No.1907/2006 Annex XVII Item 43 and its Amendments No. 552/2009 and 126/2013 (Formerly Known As Directive 2002/61/EC) | Pass |

11 Nickel Release For Direct Prolonged Skin Contact Products:

With Reference To EN1811:2011+A1:2015

| Tested Component | Trial | Sample Area (cm ²) | Volume Of Test Solution (ml) | Result Δ (µg/cm ² /week) | Requirement (µg/cm ² /week) |
|------------------|-------|--------------------------------|------------------------------|-------------------------------------|--|
| (6) | 1 | 1.0 | 1.0 | ND | 0.5 |
| | 2 | 1.0 | 1.0 | 0.12 | 0.5 |
| | 3 | 1.0 | 1.0 | 0.25 | 0.5 |
| (7) | 1 | 3.2 | 3.2 | 0.21 | 0.5 |
| | 2 | 3.2 | 3.2 | 0.13 | 0.5 |
| | 3 | 3.2 | 3.2 | 0.15 | 0.5 |
| (8) | 1 | 1.2 | 1.2 | ND | 0.5 |
| | 2 | 1.2 | 1.2 | ND | 0.5 |
| | 3 | 1.2 | 1.2 | ND | 0.5 |
| (9) | 1 | 1.0 | 1.0 | ND | 0.5 |
| | 2 | 1.0 | 1.0 | ND | 0.5 |
| | 3 | 1.0 | 1.0 | ND | 0.5 |
| (10) | 1 | 4.8 | 4.8 | 9.26* | 0.5 |
| | 2 | 4.8 | 4.8 | 9.94* | 0.5 |
| | 3 | 4.8 | 4.8 | 13.86* | 0.5 |
| (11) | 1 | 3.6 | 3.6 | 0.17 | 0.5 |
| | 2 | 3.6 | 3.6 | 0.48 | 0.5 |
| | 3 | 3.6 | 3.6 | 0.28 | 0.5 |
| (12) | 1 | 3.3 | 3.3 | 0.23 | 0.5 |
| | 2 | 3.3 | 3.3 | 0.26 | 0.5 |
| | 3 | 3.3 | 3.3 | 0.47 | 0.5 |
| (13) | 1 | 3.8 | 3.8 | 2.10* | 0.5 |
| | 2 | 3.8 | 3.8 | 1.45* | 0.5 |
| | 3 | 3.8 | 3.8 | 1.61* | 0.5 |

Remark: Detection Limit = 0.05 µg/cm²/week

* = Failed Item

ND = Not Detected

Δ=According To EN1811:2011+A1:2015, Compliance Decision Was Made Based On The Following Rules.

| Result (µg/cm ² /week) | Interpretation |
|-----------------------------------|-----------------------|
| < 0.88 | Compliance (Pass) |
| ≥ 0.88 | Non-compliance (Fail) |

Tested Components: Please See Component List In The Last Section Of This Report.

Conclusion:

Standard
Nickel Release Requirement In REACH
Regulation (EC) No.1907/2006 Annex XVII
Item 27 and its Amendment No. 552/2009
(Formerly Known as Directive 94/27/EC)

Result
Fail

Nickel Release For Coated Item:

With Reference To EN12472:2005+A1:2009 And EN1811:2011+A1:2015

| Tested Component | Trial | Sample Area (cm ²) | Volume Of Test Solution (ml) | Result Δ (μg/cm ² /week) | Requirement (μg/cm ² /week) |
|------------------|-------|--------------------------------|------------------------------|-------------------------------------|--|
| (6) | 1 | 1.0 | 1.0 | ND | 0.5 |
| | 2 | 1.0 | 1.0 | ND | 0.5 |
| | 3 | 1.0 | 1.0 | ND | 0.5 |
| (7) | 1 | 3.2 | 3.2 | 0.11 | 0.5 |
| | 2 | 3.2 | 3.2 | 0.10 | 0.5 |
| | 3 | 3.2 | 3.2 | 0.11 | 0.5 |
| (8) | 1 | 1.2 | 1.2 | ND | 0.5 |
| | 2 | 1.2 | 1.2 | ND | 0.5 |
| | 3 | 1.2 | 1.2 | ND | 0.5 |
| (9) | 1 | 1.0 | 1.0 | 0.14 | 0.5 |
| | 2 | 1.0 | 1.0 | 0.25 | 0.5 |
| | 3 | 1.0 | 1.0 | 0.28 | 0.5 |
| (10) | 1 | 4.8 | 4.8 | 10.19* | 0.5 |
| | 2 | 4.8 | 4.8 | 8.84* | 0.5 |
| | 3 | 4.8 | 4.8 | 7.51* | 0.5 |
| (11) | 1 | 3.6 | 3.6 | 0.08 | 0.5 |
| | 2 | 3.6 | 3.6 | 0.05 | 0.5 |
| | 3 | 3.6 | 3.6 | 0.11 | 0.5 |
| (12) | 1 | 3.3 | 3.3 | 0.27 | 0.5 |
| | 2 | 3.3 | 3.3 | 0.22 | 0.5 |
| | 3 | 3.3 | 3.3 | 0.22 | 0.5 |
| (13) | 1 | 3.8 | 3.8 | 3.24* | 0.5 |
| | 2 | 3.8 | 3.8 | 0.88* | 0.5 |
| | 3 | 3.8 | 3.8 | 0.91* | 0.5 |

Remark: Detection Limit = 0.05 μg/cm²/week

* = **Failed Item**

ND = Not Detected

Δ=According To EN1811:2011+A1:2015, Compliance Decision Was Made Based On The Following Rules.

| Result (μg/cm ² /week) | Interpretation |
|-----------------------------------|-----------------------|
| < 0.88 | Compliance (Pass) |
| ≥ 0.88 | Non-compliance (Fail) |

Tested Components: Please See Component List In The Last Section Of This Report.

Conclusion:

Standard
Nickel Release Requirement In Regulation (EC) No.1907/2006 Annex XVII Item 27 and its Amendment No. 552/2009 (Formerly Known as Directive 94/27/EC)

Result
Fail

12 Chromium (VI) Content

With Reference To ISO 17075-1:2017, The Hexavalent Chromium Content Was Determined By UV-Visible Spectrophotometry.

| <u>Tested Component</u> (1) | <u>Result (mg/kg)</u> ND | <u>Requirement (mg/kg)</u> 3 |
|--------------------------------|-----------------------------|---------------------------------|
|--------------------------------|-----------------------------|---------------------------------|

Remark: ND = Not Detected
Detection Limit = 3 mg/kg

Tested Component: Please See Component List In The Last Section Of This Report.

Conclusion:

| <u>Standard</u> | <u>Result</u> |
|---|---------------|
| REACH Regulation (EC) No.1907/2006 Annex XVII Item 47 and its Amendments (EU) No 301/2014 of 25 March 2014) | Pass |

Component List:

- (1) Yellow Cow Split Leather Used For Outer Material On Shoe Cover, Apron/Arm Sleeve (Sample D).
- (2) Black Textile Strap Used For Yellow Apron And Sleeve (Sample E).
- (3) Soft Brown Fabric Lining Used For Shoe Cover (Sample H).
- (4) Black Velcro-Hook Used For Shoe Cover (Sample I).
- (5) Black Velcro-Loop Used For Shoe Cover (Sample J).
- (6) Gold Color Metal With Black Coating (Cap Of Rivet Of Sample F).
- (7) Silver Color Metal (Cap Of Sample K).
- (8) Light Gold Color Metal (Pin Of Sample K).
- (9) Gold Color Metal With Black Coating (Cap Of Rivet Of Sample L).
- (10) Silver Color Metal (Sample M).
- (11) Silver Color Metal With Black Coating (Cap Of Rivet Of Sample N).
- (12) Silver Color Metal (Post Of Sample N).
- (13) Silver Color Metal (Sample O).



End Of Report

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