

**STC Test Report**

Date : 2012-10-26
No. : DC153875

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Applicant(Code:STC002) : FONTORPIN S. L.
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VOLTREGA-BARCELONA SPAIN

Description of Sample(s) : One set(s) of submitted sample(s) said to be:
Connecting ring, dia 8x1mm

Date Sample(s) Received : 2012-10-09

Date Tested : 2012-10-09 to 2012-10-18

Investigation Requested : 1. Total lead content in substrate materials – United States Consumer
Product Safety Improvement Act (CPSIA), Section 101(a)
2. Total cadmium content
3. Release of nickel

ANEXO 1 - ANNEXE 1 - ANNEX 1

1. TOTAL LEAD CONTENT IN SUBSTRATE MATERIALS – UNITED STATES CONSUMER
PRODUCT SAFETY IMPROVEMENT ACT (CPSIA), SECTION 101(a)
Method Used: CPSC testing method CPSC-CH-E1001-08.2 or CPSC-CH-E1002-08.2, analyzed
by Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer.

Sample Identity	Item / Component Description	Style
1	Silvery metal (Connecting ring, dia 8x1mm)	-

Element	Lead (Pb)
Maximum Allowable Limit (mg/kg):	100

Test Item(s)	Result (mg/kg)	Conclusion
1	22	Pass

Note(s):
- ND = not detected
- Method detection limit=10mg/kg
- ppm denotes parts per million which is also equivalent to milligram per kilogram

Remark: 1. Above tested result(s) was/were transferred from DC153299, dated October 18, 2012.

ANEXO 2 - ANNEXE 2 - ANNEX 2

2. TOTAL CADMIUM CONTENT

Method Used: Acid digestion and analyzed by Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Sample Identity	Colour / Component	Result	Client's Allowable Limit	Conclusion
(1)	Silvery metal (Connecting ring, dia 8x1mm)	ND	75ppm	Pass

Note(s):
 - ND denotes Not detected
 - Method detection limit=10ppm
 - ppm denotes parts per million which is also equivalent to milligram per kilogram

Remark:
 1. Conclusion was based on client's allowable limit.
 2. Above tested result(s) was/were transferred from DC153299, dated October 18, 2012.

ANEXO 3 - ANNEXE 3 - ANNEX 3

3. RELEASE OF NICKEL

Method Used: BS EN1811:2011 & BS EN12472:2005+A1:2009

Test Item(s)	Item / Component Description(s)	Style(s)
1	Silvery metal (Connecting ring, dia 8x1mm)	-

Maximum Allowable Limit : (Any 1 of 3 trials)	0.5 µg/ cm ² /week
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-	Result		
Test Item(s)	1		
Parameter	Surface Area (cm ²)	Volume of Test Solution (mL)	Nickel release (µg/ cm ² /week)
Test Sample(s) / Trial(s)	-	-	-
Trial 1 - Measurement 1	7.2	7.2	ND
Trial 1 - Measurement 2	7.2	7.2	ND
Trial 2 - Measurement 1	7.2	7.2	ND
Trial 2 - Measurement 2	7.2	7.2	ND
Trial 3 - Measurement 1	7.2	7.2	ND
Trial 3 - Measurement 2	7.2	7.2	ND
Conclusion	Pass		

Note(s):
 - ND = Not detected
 - Method detection limit = 0.1µg/cm²/week

Remark(s):
 1. Limit is quoted from the release of nickel content requirement in Annex XVII item 27 of the REACH Regulation (EU) No. 1907/2006.
 2. Above tested result(s) was/were transferred from DC153299, dated October 18, 2012.