



ROZA 2004

kalite güvence katalođu
quality catalogue



ROZA 2004

"Kalite Ayrıntıda Gizlidir"

The logo for ROZA 2004 features a stylized red and white flower icon to the left of the word "ROZA" in a bold, red, sans-serif font. The year "2004" is positioned to the right of "ROZA" in a smaller, black, sans-serif font.

"Kalite Ayrintıda Gizlidir"

ROZA 2004



Konfeksiyon yan sanayi sektörünün önemli firmalarının yılların deneyim ve birikiminin birleştirilmesiyle oluşan ROZA Tekstil Fermuar San. Ve Tic. A.Ş., temeli 1994 yılında atılan Çorlu'daki entegre fermuar fabrikası ile bu alanın en iddialı firmaları arasına girmiştir. Roza Fermuar sektördeki deneyimi ve kalite anlayışı ile Türk tekstil sektörüne önemli değerler kazandırmış, 7000 m² kapalı alanda kurulan, bugün 200 civarında kalifiye elemanın çalıştığı aylık 2.000.000 metre fermuar imalatı yapılan tam entegre fermuar üretim tesisi hedefine ulaşmıştır.

Mamüllerimiz; çanta, bavul, ayakkabı, bot, uyku tulumu, çadır ve özellikle büyük çapta hazır giyim (konfeksiyon) sanayiinde kullanılmaktadır.

Roza tekstil olarak başta AB ülkeleri, ABD, Orta Doğu, Balkan Ülkeleri, Rusya, Hindistan, Bangladeş gibi dünyanın birçok ülkesine ürünlerimizi ihraç etmekteyiz. Bu doğrultuda firmamız yurt dışında ürünümüzü tanıtmak amacı ile uluslararası fuarlara katılmaktadır.

Sektördeki 25 yıllık tecrübemizin yanı sıra, yeni teknoloji makine ve teçhizatla da desteklenen üretim süreçleri, şerit dokumasından bitmiş mamule kadar, her aşamada, uluslararası

standartlar gözetilerek ve büyük bir hassasiyetle kalite denetimine tabi tutulmaktadır. Kendi bünyemizde kurduğumuz dar dokuma, yüksek basınç sistemli (HT) boyahane, apreleme, oksidasyon, elçik döküm ünitelerimizde her türlü kaliteli fermuar üretimi aşamalarını gerçekleştirmekteyiz. Bunun kanıtı olarak TÜV DIN EN ISO 9002, OEKO-TEX Standart 100 belgelerimiz mevcuttur. Ürünlerimiz AZO-boyasız ve niksiz olarak Polyester (Naylon), Plastik (Kemik), Metal ve Gizli fermuar olmak üzere istenilen renk ve ölçülerde değişik aksesuarlı kürsörlerle aşağıdaki çeşitlerde üretilmektedir.

Polyester (Naylon) Fermuar: T/3 (T/0 Kordsuz), T/5 (T/3 Kordlu), T/7 (T/4), T/10 (T/5) Dipli, Separe, Kombi

Plastik (Kemik) Fermuar: T/3, T/6, T/7, T/8, T/9 Dipli, Separe, Kombi

Metal Fermuar: T/4, T4.5, T5, T8, T10 Dipli, Separe, Kombi

Gizli Fermuar: T/3

Pirinç, alpaka, oksit, güntü, kalay, alüminyum, free nikel diş ve kaplama çeşitleri.





ITS

ROZA 2004

Two leading zipper companies, united the long years experience gained in this field, to form ROZA Tekstil Fermuar San. ve Tic. A.Ş., whose foundations as an integrated factory laid out in 1994 at Çorlu, is now the pretentious company among the zipper manufacturers.

With the experience gained from marketing we commenced a small production line, which became the first step to build up our project of forming a new plant, that we successfully established in 1994 as a complete integrated zip-fastener factory spanning over 7000 sq. meters in Çorlu, currently operating with around 200 skilled workers to produce high quality zippers of 2.000.000 mtr. per month.

Our products are suited for use with garments, luggage, bags, shoes, sleeping bags, tents and has wide demand by ready-wear exporters. ROZA is exporting products EU countries, Middle East, Balkan countries, Russia, India, Bangladesh etc. In order to increase the customer potential in foreign market we give importance to participating the local and foreign fairs.

Our 25 years experience, plus the utilization of new complete sets of equipment and technology helps us control the quality from weaving,

complete HT dyeing systems, ironing, finishing, oxidation assemblies, all zipper production processes are performed by a professional staff. Strict inspection of quality control is made at every production step to supply lasting quality zipper. Our firm have certificates of TÜV DIN EN ISO 9002, OEKO TEX STANDART 100. Broad range of AZO-dyed free, nickel free, durable and smooth zippers including polyester, plastic, metal and invisible zippers in requested length and color with various types of accessory puller sliders are supplied in following types:

Polyester Zippers : T/3 (T/0 without cord), T/3 (T/3 with cord) T/7 (T/4), T/10 (T/5) close end, open end, kombi

Plastic Injection (Delrin) Zippers : T/3, T/6, T/7, T/8, T/9 close end, open end, kombi

Metal Zippers : T/4, T4.5, T5, T8, T10 close end, open end, kombi

Invisible Zippers : T/3

Brass, antique brass, nickel, antique nickel, dull nickel, nickel free, aluminium and silver-teeth plating variety.





CERTIFICATE

The TÜV CERT Certification Body
of TÜV Anlagentechnik GmbH
Unternehmensgruppe TÜV Rheinland Berlin Brandenburg

certifies in accordance with
TÜV CERT procedures that

Roza Tekstil Fermuar Sanayi ve Ticaret AŞ
Keresticiler Sit., Fatih cad., Yüksek sok. No: 3/1
Merter-Istanbul
Turkey

has established and applies a quality management system for

Production of polyester, metal and plastic molded zippers
and metallic puller injections.
Sliders painting and zipper tapes and long chains dying.
Marketing and selling of the items mentioned.

An audit was performed, Report No. 012819.

Proof has been furnished that the requirements according to

DIN EN ISO 9001:2000

are fulfilled.

The certificate is valid until 2006-06-30.

Certificate Registration No. 01 100 012819



Cologne, 2003-09-09

First certification 2001



TÜV Rheinland
Berlin Brandenburg

J. Ollig
TÜV CERT Certification Body of
TÜV Anlagentechnik GmbH



SERTİFİKA

TÜV CERT Sertifikasyon Dairesi
TÜV Anlagentechnik GmbH

Unternehmensgruppe TÜV Rheinland Berlin Brandenburg

TÜV CERT metoduna istinaden
işbu belge ile

Roza Tekstil Fermuar Sanayi ve Ticaret AŞ
Keresticiler Sit., Fatih cad., Yüksek sok. No: 3/1
Merter-İstanbul

şirketinin, aşağıda belirtilen geçerlilik alanında

**Polyester, metal, kemik fermuar, elcik üretimi,
pazarlama ve satışı.**

**Kürsör, fermuar şeridi, uzun şerit boyama,
pazarlama ve satışı.**

bir kalite yönetim sistemini yürürlüğe koyduğunu
ve uygulamakta olduğunu teyit eder.

012819 rapor sayılı bir inceleme ile

DIN EN ISO 9001:2000

şartlarının sağlanmış olduğu kanıtlanmıştır.

İşbu sertifika **2006-06-30** tarihine kadar geçerlidir.

Sertifika Tescil No. **01 100 012819**



Kök. 2003-09-06

İşbu sertifika tarihi 2001



TÜV Rheinland
Berlin Brandenburg

J. Ollig
TÜV CERT Sertifikasyon Dairesi
TÜV Anlagentechnik GmbH

CERTIFICATE

Certification Body Turkey - Istanbul
Hohenstein Ekoteks Tekstil Analiz ve Kontrol Hizmetleri Ltd. Sti.
Mahmut Sevket Pasa Mah. Kurucay Cad. Eren Sok. No:5
TR-80270 Okmeydanı-Istanbul



Forschungsinstitut
Hohenstein
Schloß Hohenstein
D-74357 Bönningheim

Institute of the International
Association for Research
and Testing in the Field of
Textile Ecology

The company

ROZA TEKSTİL FERMUAR SAN. ve TIC. A.Ş
Keresteciler Sitesi Fatih Cad. Yüksek Sok. No: 3/1
Merter / İstanbul TÜRKİYE

is receiving granted authorization according to Oeko-Tex Standard
100 in accordance with our test report number 03.T.3325 to use
the Oeko-Tex mark



for the following products:

**Zippers - with PES tapes having metallic (aluminium, brass)
electroplated metallic (oxide, silver, tin) coloured nylon and
POM parts.**

The inspection has been carried out according to Oeko-Tex
Standard 100 Product class I on the above mentioned articles
which meet the currently accepted demands in respect to
ecological requirements of the standard.

The holder of the certificate, who has issued a conformity
declaration according to EN 45014, is obliged to use the Oeko-Tex
mark only in conjunction with products that are conform with the
sample initially tested.

This authorization is valid until 30 September 2004.

Istanbul, 17 November 2003.



Dr. Stefan Mecheels
Head of the Institute



Feyyaz Akbay
Head of the Certification Body

TÜRK STANDARDLARI ENSTİTÜSÜ TÜRK STANDARDLARINA UYGUNLUK BELGESİ

ENSTİTÜMÜZ İLE GÖRÜŞTÜRÜLEN
ROZA TİESTİL FİRMALAR SAK VE TİC. A.Ş.

MÜESSES

ARASINDA YAPILAN SÖZLEŞME GEREĞİNCE
FİRMAYA BUNDAN BÖYLE TS 11514 / KODU 1995

* TİESTİL MAMULLERİ - FİRMALAR *

STANDARDA UYGUN OLARAK İMAL EDECEĞİ

* R O Z A *

MARKALI MAMULLERİ

ÜZERİNE TSE MARKASI KOYMA YETKİSİ TANINMIŞTIR.
BU MARKA ÜZERİNE KONULDUĞU MAMULÜN TÜRK
STANDARLARINA UYGUNLUĞUNU İFADE EDER.

ÜZERİNE TSE MARKASI KONULMASINA İZİN VERİLEN

MAMULLERİN ADI, SINIFI, TÜRÜ VE ÖZELLİKLERİ

-LETA, OĞUZ VE PASTİC OĞUZ,
Ordu, Sirta, Akur - (Ayvalık, Ayvalık, Ayvalık)



TÜRK STANDARLARI ENSTİTÜSÜ
TEKİRNEK MERKEZİ TEKİRNEK

ÖZEL GÖZ

TÜRK STANDARLARI ENSTİTÜSÜ
BELEDİYE BAĞLI TEKİRNEK ŞİŞLİ

M. İsmail ÇENKİOĞLU
Tekirnek Şişli Yrd.

VERİLEŞ TARİHİ: 21.07.1998



BU BELGE EN SON YÖZ TARİHİNDE İTİFAH EN YIL ÖZGÜNÜK, YILIN YÖZSİ YAPILAN BELGE ÖZGÜNÜK.
BU BELGE YÖZSİ ÖZGÜNÜK EN YIL ÖZGÜNÜK İTİFAH EN YIL ÖZGÜNÜK. TÜRK STANDARLARI ENSTİTÜSÜ EN YIL ÖZGÜNÜK İTİFAH EN YIL ÖZGÜNÜK.

ITS Intertek Testing Services
Labtest
TEST REPORT

15 February, 2001

Page 1 of 2

ROZA FERMUAR A.Ş
Keresteciler sitesi Fatih
Cad.yüksek Sok.
No:3/1
İstanbul
FAX NO: 0212-6372555
For the attention of Emin Baltas

REPORT NUMBER: 110888

DESCRIPTION: One sample of Khaki zip

DATE IN: 8 February, 2001

DATE OUT: 15 February, 2001

MODEL NO: T/5 Metal

END USE: NOT GIVEN

REQUEST: Azo Test.

RESULTS: See attachment

REMARK: The test results relate only to the items tested.
The report shall not be reproduced except in full, without
the written approval of the laboratory.


Ozgür Alp Airmaz
Analytic Group Leader


SEMRA KELEŞ
Laboratory Manager
For and on behalf of
INTERTEK TESTING SERVICES

RESULTS

Page 2 of 2.

REPORT : 110888

15 February, 2001

Code	Test Method	Results	Requirements
012	AZO-DYES § 35 LMBG B 82.02.4		
	1) Khaki fabric.	PASS	30 PPM

INTERPRETATION OF AZO-DYES TEST RESULTS:

AS PER GERMAN TEST PROCEDURE FOR DETECTION OF CARCINOGENIC AMINES IN DYED MATERIALS PUBLISHED IN THE OFFICIAL COMPILATION OF TEST METHODS ACCORDING TO § 35 LMBG B 82.02.2, LEATHER ACCORDING TO § 35 LMBG B 82.02.3, PES ACCORDING TO § 35 LMBG B 82.02.4, EXTRACTED BY CITRATE BUFFERED SOLUTION PH 6 AT 70 °C AND DETECTED BY GC/MS AND CONTROLLED BY HPLC/DAD AND THIN LAYER CHROMATOGRAPHIC ANALYSIS.

FORBIDDEN AMINE

CAS NO

4-AMINODIPHENYL	02-67-1
BENZIDINE	92-87-5
4-CHLOR-O-TOLUIDINE	95-69-2
2-NAPHTHYLAMINE	91-59-8
O-AMINOAZOTOLUENE	97-50-3
2-AMINO-4-NITROTOLUENE	99-55-8
P-CHLOROANILINE	105-47-8
2,4-DIAMINOANISOLE	615-05-4
4,4'-DIAMINOBIPHENYLMETHANE	101-77-9
3,3'-DICHLOROBENZIDINE	91-94-1
3,3'-DIMETHOXYBENZIDINE	119-90-4
3,3'-DIMETHYLBENZIDINE	119-93-7
3,3'-DIMETHYL-4,4'-DIAMINOBIPHENYLMETHANE	838-68-0
P-CRESIDINE	120-71-8
4,4'-METHYLENE-BIS-(2-CHLOROANILINE)	101-14-4
4,4'-OXYDIANILINE	101-80-4
4,4'-THIODIANILINE	139-65-1
O-TOLUIDINE	95-53-4
2,4-TOLUYLENDIAMINE	95-80-7
2,4,5-TRIMETHYLANILINE	137-17-7

NOTE: The amines o-amino-azotoluene and 2-amino-4-nitrotoluene are detected by its splitted product o-toluidine and 2,4-toluylenediamine.

ITS Intertek Testing Services
Labtest

TEST REPORT

10 July, 2002

Page 1 of 2

ROZA TEKSTİL FER. TİC.A.Ş

Keresitöler sitesi
Fahri CAD.
Yüksel Sok. No:3/1
Merkezi İstanbul
FAX NO : 0-212-6372555
For the attention of Muzaffer Boyral

REPORT NUMBER: 187969-EXPRESS

DESCRIPTION: Twenty-Six samples of Black Nylon open-end zips.

DATE IN: 8 July, 2002

DATE OUT: 10 July, 2002

END USE: SWEATSHIRT

DIMENSIONS: Length 304.0 mm Width 32.0 mm Chain Width 5.5 mm Performance Code C

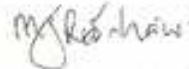
REQUEST: Side fasteners test to puller attachment, i.e. also test, reciprocating, open end fastener box, lateral strength, lateral strength of open-end attachment and slider locking tests in accordance with BS 3064 STANDARDS.

RESULTS: See attachment

COMMENTS: The sample submitted meets BS 3064 minimum performance requirement in respect of properties tested.

The test results relate only to the items tested. The report shall not be reproduced except in full, without the written approval of the laboratory.


Banu Kural
Coordinator



MIKE REDSHAW
Laboratory Manager
For and on behalf of
INTERTEK TESTING SERVICES

Intertek Test Hizmetleri A.Ş.
Fahri Cad. Dursunbey Sok. No.: 4 / 2 34660 Halkalı - İSTANBUL / TÜRKİYE
Phone : +90 212 498 25 24 Fax : +90 212 476 11 72
e-mail : ita@intertek-test.com

RESULTS

Page 2 of 2

REPORT : 187969-EXPRESS

10 July, 2002

Code	Test Method	Results	Requirements
307	SLIDE FASTENERS TEST BS 3084:1992		
	Puller Attachment	350.7 N	200 N
	Top Stop	238.4 N	90 N
	Open End Fastener Box	142.1 N	90 N
	Reciprocating	>500 cycles	500 cycles
	Lateral Strength	1005 N TS	250 N
	Lateral Strength of Open-End Attachment	141 N	90 N
	Slider Locking	67.5 N	20 N
	TS: TEEET SEPERATION		

ITS Intertek Testing Services
Labtest

TEST REPORT

30 December, 2002

Page 1 of 2

ROZA TEKSTİL FERMUAR SAN. VE TIC. A.Ş.

Karostaslar sitesi Fatih
Cad. yüksek Sok.
No:3/1
İstanbul
FAX NO: 0212-6372555
For the attention of Emin Baltas

REPORT NUMBER: 216276

CUSTOMER: NEWLOOK

DESCRIPTION: Seventeen samples of Navy, T14.5 Antique teeth closed end zipper with classic puller.

DATE IN: 24 December, 2002

DATE OUT: 30 December, 2002

END USE: LADY'S TROUSERS

DIMENSIONS:

Length	Width	Chain Width	Performance Code
160.0 mm	28.0 mm	4.8 mm	B

REQUEST: Side fasteners test to puller attachment, closed end, top stop, reciprocating, lateral strength and slider locking tests in accordance with BS 3084 STANDARDS.

RESULTS: See attachment

COMMENTS: The sample submitted meets BS 3084 minimum performance requirement in respect of properties tested.

The test results relate only to the items tested. The report shall not be reproduced except in full, without the written approval of the laboratory.


Didem Birsen
Coordinator


MIKE REDSHAW
Laboratory Manager
For and on behalf of
INTERTEK TESTING SERVICES

Intertek Test Hizmetleri A.Ş.
Fatih Cad. Dersbeyaz Sok. No: 4/2 34660 Halkalı - İSTANBUL / TURKEY
Phone: +90 212 498 22 24 Fax: +90 212 471 11 72
e-mail: its@intertek-tes.com

02/00000000

RESULTS

Page 2 of 2

REPORT : 216276

30 December, 2002

Code	Test Method	Results	Requirements
307	SLIDE FASTENERS TEST BS 3084:1992		
	Puller attachment	325.2 N	60 N
	Closed end	90.2 N	60 N
	Top Stop	184.6 N	70 N
	Reciprocating	>500 cycles	500 cycles
	Lateral strength	716 N TS-TP	200 N
	Slider Locking	88.1 N	15 N
	TP: Teeth Pull Out TS: Teeth Separation		

ITS Intertek Testing Services
Labtest

TEST REPORT

30 December, 2002

Page 1 of 2

ROZA TEKSTIL FERMUAR SAN. VE TIC. A.S.

Karesteçiler sitesi Fatih
Cad. yüksek Sok.
No:3/1
İstanbul
FAX NO: 0212 6372558
For the attention of Emin Baltas

REPORT NUMBER: 216279**CUSTOMER:** NEWLOCK**DESCRIPTION:** Nineteen samples of Black, T5 Antique Yellow teeth closed end zipper with classic puller.**DATE IN:** 24 December, 2002**DATE OUT:** 30 December, 2002**END USE:** LADY'S TROUSERS**DIMENSIONS:**

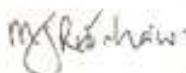
Length	Width	Chain Width	Performance Code
162.0 mm	32.0 mm	5.9 mm	II

REQUEST: Side fasteners test to puller attachment, closed end, top stop, reciprocating, lateral strength and slider locking tests in accordance with BS 3084 STANDARDS.**RESULTS:** See attachment**COMMENTS:** The sample submitted meets BS 3084 minimum performance requirement in respect of properties tested.

The test results relate only to the items tested. The report shall not be reproduced (except in full) without the written approval of the laboratory.



Didem Birsen
Coordinator



MIKE REDSHAW
Laboratory Manager
For and on behalf of
INTERTEK TESTING SERVICES

Intertek Test Houses Ltd A.S.
Fatih Cad. Dersiye Sok. No: 4/1 34660 Halkali - ISTANBUL - TURKEY
Phone: +90 212 496 25 24 Fax: +90 212 471 11 72
e-mail: its@intertek-tdc.com

4-00200202

RESULTS

Page 2 of 2

REPORT : 216279

30 December, 2002

Code	Test Method	Results	Requirements
307	SLIDE FASTENERS TEST BS 3084:1992		
	Puller attachment	391.5 N	80 N
	Closed End	112 N	80 N
	Top Stop	122.8 N	70 N
	Reciprocating	>500 cycles	500 cycles
	Lateral strength	648 N TS	200 N
	Slider Locking	114.5 N	10 N
	TS: Teeth Separation		

QUALITY CATALOGUE 2004

ITS Intertek Testing Services
Labtest

TEST REPORT

14 May, 2003

Page 1 of 2

ROZA TEKSTİL FER. SAN. TİC.A.Ş

Fatih Cad.
Yüksək Sok. No:3/1
Merkez İstanbul
FAX NO : 0-212-637 25 55
For the attention of **M. Emin Baltaz**
CC:SMS

REPORT NUMBER: 239165

DESCRIPTION: Eight samples of Navy zipper.

DATE IN: 6 May, 2003

DATE OUT: 14 May, 2003

END USE : NOT GIVEN

REQUEST: Release of nickel test EN 1811 and 12472

RESULTS: See attachment

COMMENTS:

The test results relate only to the items tested. The report shall not be reproduced, copied or full, without the written approval of the laboratory. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with BS EN ISO/IEC 17025 requirements. Clauses and interpretations expressed herein are outside the scope of UKAS Accreditation.


Ozgur Alp Altınaz
Analytic Group Leader


MIKE REDSHAW
Laboratory Manager
For and on behalf of
INTERTEK TESTING SERVICES



2111

Intertek Test Hizmetleri A.Ş.
Fatih Cad. Dereboynu Sok. No: 4 / 2 - 34660 Halkalı - İSTANBUL / TURKEY
Phone : +90 212 698 25 24 Fax: +90 212 471 11 72
e-mail : its@itslabtest-tur.com

4304470120

RESULTS

Page 2 of 2

REPORT : 239165

14 May, 2003

Code	Test Method	Results	Requirements
RELEASE OF NICKEL FOR DIRECT PROLONGED SKIN CONTACT PRODUCTS EN 1811:1998			
	Tested Sample:	zipper	
	Area :	8.2 cm ²	
	Volume :	8.7 ml	
	Results :	<0.1 µg /cm ² /week	0.5 µg/cm ² /week
RELEASE OF NICKEL FOR COATED ITEM WITH REFERENCE TO EN 12472 AND EN 1811:1998 *			
	Tested Sample:	zipper	
	Area :	8.2 cm ²	
	Volume :	8.7 ml	
	Results :	<0.1 µg /cm ² /week	0.5 µg/cm ² /week

*Results quoted have been corrected for uncertainty



2111

Intertek Test Hizmetleri A.Ş.
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Phone : +90.212. 695 25 24 Fax: +90.212. 471 11 72
e-mail : ts@intest-tur.com

4.000/0000

Intertek Labtest

TEST REPORT

30 October, 2003

Page 1 of 4

ROZA TEKSTIL FERMUAR SAN. VE TIC. A.S.

Fatih Caddesi
Yüksek Sokak No: 3
Merkez / İstanbul
FAX NO: 0212-6372555
For the attention of: Azat Teminkulu
CC-DIRAMODE

REPORT NUMBER: 270688

BUYING DIVISION:
DESCRIPTION:

ORSAY

Type :	Type 10 Nylon (Spirale)	DIMENSIONS	
Slider :	Black Dyed metal ("Roca" Patented)	Sample 1	
Top Stop :	Metal	Length :	600.0 mm
Bottom Stop :	Metal	Width :	32.0 mm
Tape :	Black Woven	Chain Width :	5.7 mm
Puller :	Black Dyed Metal	N° :	Spirale 6
Chain :	Nylon (Spirale)	Sample 2	
Kind :	Open End (Sample 1) & Closed End (Sample 2)	Length :	600.0 mm
		Width :	32.0 mm
		Chain Width :	5.8 mm
		N° :	Spirale 6

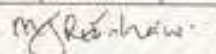
DATE IN: 24 October, 2003
DATE OUT: 30 October, 2003
END USE: ZIPPER
RESULTS: See attachment

The test results relate only to the items tested. The report shall not be reproduced except in full, without the written approval of the laboratory.

COMMENTS:

TESTS	SAMPLE 1		SAMPLE 2	
	PASS	FAIL	PASS	FAIL
Mechanics existing	✓		✓	
Colour degradation/bleeding	✓		✓	
Puller attachment	✓		✓	
Slider Locking	✓		✓	
Top stop test	✓		✓	
Closed End			✓	
Lateral strength of open-end attachment	✓			
Lateral strength closed-end attachment			✓	
Force necessary to the displacement of the slider on the chain	✓		✓	
Lateral strength test after reciprocating test of 200 cycles	✓		✓	


Nazlı Şahin
COORDINATOR


Mike Redshaw
LABORATORY MANAGER

Intertek Test Hizmetleri A.Ş.
Fatih Cad. Derebeyi Sok. No: 4 / 2 34963 Halkalı - İSTANBUL - TÜRKİYE
Phone : +90 212 471 66 65 Fax: +90 212 471 11 72
e-mail : labtest.turkey@intertek.com
www.intertek-labtest-tr.com

4-200470200

Intertek Labtest

RESULTS

Page 2 of 4

REPORT : 270608

30 October, 2003

PIMKIE

307 SLIDE FASTENERS TEST

NFG B1 005/ 005

Sample 1:

Width Teeth

Results

Pimkie Standards

5.7 mm

4.3 Puller attachment

338.7 N

200 N

4.4 Slider Locking

57.4 N

40 N

4.5 Top stop test

219.1 N

100 N

4.7 Lateral strength of open -end attachment

140.6 N

130 N

4.9 Force necessary to the displacement of the slider on the claim

Opening

Min:2 N

4.2 N

Max:6 N

Closing

4.7 N

4.10 Lateral strength test after reciprocating test of 200 cycles

587.9 N

540 N

(TS-TT)

TS: Teeth Separation

TT: Tape Tears

Intertek Labtest

RESULTS

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PIMKIE

307 SLIDE FASTENERS TEST

NFO 91 006/ 005

Sample 2 :

Width Teeth

Results

Pimkie Standards

5.8 mm

4.3 Puller attachment

320.8 N

200 N

4.4 Slider Locking

50.4 N

40 N

4.5 Trip stop test

253.4 N

100 N

4.6 Closed End

143.2 N

80 N

4.7 Lateral strength of closed /end attachment

187.3 N

100 N

4.9 Force necessary to the displacement of the slider on the claim

Opening
4.0 N

Min:2 N
Max:6 N

Closing
4.4 N

4.10 Lateral strength test after reciprocating test of 200 cycles

936.0 N
(TS-TT)

540 N

TS:Teeth Separation

TT: Tape Tears

Intertek Test Hizmetleri A.Ş.
Fatih Cad. Dersoyu Sok. No: 4/2 34393 Halkalı - İSTANBUL / TÜRKİYE
Phone : +90 212 471 88 65 Fax: +90 212 471 11 71
e-mail : labtest.turkey@intertek.com
www.intertek-labtest-tur.com

4.10/10/03

Intertek Labtest

RESULTS
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PINKIE

Code	Test Method	Results	Requirements
204	Machine Washing BSEN ISO 5077:2001/ISO 3759 :1994 / Cor 1:1999 Temperature:40 deg C Machine:Domestic Type Drying Method:Tumble Detergent:90 g IEC Total Load:4 kg Wash Cycle:1 Wash	dimensional change % Sample 1 : Warp : 0 Sample 2 : Warp : 0	±1.5%

COLOUR DEGRADATION&BLEEDING

BSEN ISO 5077:2001/ISO 3759 :1994 / Cor 1:1999, 40 deg C, Domestic Washing, Tumble Dry

	colour degradation (1 Wash)	Bleeding (After 2 Washes)						C 3
		acetate	cotton	nylon	polyester	acrylic	wool	
Sample 1	4-5	4-5	4-5	4-5	5	5	5	C 3
Sample 2	4-5	4-5	4-5	4-5	5	5	5	S 4



**HOHENSTEIN
INSTITUTE**

Report No : **38260**

Date : January 14,2003

Applicant : ROZA TEKSTİL FERMUAR SAN. Ve TIC. A.Ş.

Sample : Plastic Pull

Sample Identification : Transparent (Applicant's declaration)

Colour : Colourless

Date of receiving : January 06,2003

Date of Testing : January 07,2003

Analysis demanded : PVC Plasticizers-Phthalates

On the basis of test samples prepared from the samples delivered to our Company:

Test	Results	Test Method**
PVC Plasticizers-Phthalates		Hohenstein Institute
DINP	<10 ppm	in-House Method
DNOP	<10 ppm	(GC-MSD)
DEHP	57 ppm	
DIDP	<10 ppm	
BBP	<10 ppm	
DBP	<10 ppm	
Sum of PVC Plasticizers	<1000 ppm*	

* Limit value for PVC Plasticizers-phthalates is indicated as 1000 ppm in Oeko-Tex Standard 100 (01/2003)

** As requested by the Applicant

Prepared by


Ashi Onat



Approved by


Vebbi Cin

This Report is consisted of 1 page

Results of the analysis expressed in this Report is valid only for the test sample prepared from the sample delivered to our Company and may not represent the relevant lot. Test Sample is being kept for 3 months. Our Reports can not reproduce without our permission

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HOHENSTEIN EKOTEKS TEKSTİL ANALİZ VE KONTROL HİZMETLERİ LTD. ŞTİ.
Mahmut Şevket Paşa Mah. Kurşunçay Cad. Eren Sok. No:5 Kat:3 80270 Çekirgeci / İstanbul Tel/Fax: (0312) 238 01 40 - 238 01 41
www.cemreanaliz.com • e-mail: info@hohensteinekoteks.com

Table 1: T5 METAL ZIPPER 30cm (samplecode 023067).

Determinations	Methods	Results	Requirements group D
0. Dimensions [mm] - Thickness chain - Thickness textile - Width chain - Width tape	BS 3084: 1992	2.4 0.5 6.1 14.3	
1. Lateral strength chain [N] - as received	BS 3084: 1992 test 6	604	≥ 370
2. Durability test *	BS 3084: 1992 test 5	Undamaged	Undamaged
3. Lateral strength chain [N] - after durability test	BS 3084: 1992 test 5	461	≥ 335
4a. Slider locking strength partly closed zip fastener [N]	BS 3084: 1992, test 8	154.4	≥ 40
b. Scoop-slippage	Astm-D 2061, test 14.3	53.8	≥ 50
5. Breaking strength of the bottom stop; 5a Closed end zip fasteners [N]	BS 3084: 1992, test 2	169	≥ 100
7. Resistance to environmental stress cracking (thru zip fasteners only) 7a security of the attachment of the individual teeth before treatment.	ILS-F70 DIN 3419, para 5.2.3.2.	90.4	≥ 50
7b security of the attachment of the individual teeth after treatment.	DIN 3419, para 5.2.3.2.	96.5	≥ 45

* Durability test group D: lateral load: 24 N, longitudinal load: 18 N, 500 cycles

Technische Regelwerke für
 Langzeitversuchsmethoden
 in der Textil- und Bekleidungsindustrie
 für Sport- und Freizeitkleidung



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Table 1: T6 DELFIN ZIPPER 30 CM OPEN END
 (sample code 012190-1)

Determinations	Methods	Results	Requirements group C
0. Dimensions [mm] - Thickness chain - Thickness textile - Width chain - Width tape	BS 3084, 1992	2,9 0,5 5,8 13,5	
1. Lateral strength chain [N] - as received	BS 3084, 1992 test 6	319	≥ 250
2. Durability test*	BS 3084, 1992 test 5	Undamaged	Undamaged
3. Lateral strength chain [N] - after durability test	BS 3084, 1992 test 6	307	≥ 225
4a. Slider locking strength partly closed zip fastener [N]	BS 3084, 1992 test 8	110,6	≥ 25
5. Breaking strength of the bottom stop: 5a. Closed end zip fasteners [N] 5b1. Lateral strength of the open end flaps [N] 5b2. Longitudinal strength of the box [N]	BS 3084, 1992 test 2 DIN 3419, par 5.2.3.5 BS 3084, 1992, test 4	- 100 281	≥ 80 ≥ 90 ≥ 90

* Durability test group D, lateral load: 24 N, longitudinal load: 18 N, 500 cycles



Table 2: T3 DELRIN ZIPPER 30 CM, CLOSED / OPEN END (sample code 013190/2)

Determinations	Methods	Results	Requirements group B
6. Dimensions [mm] - Thickness chain - Thickness textile - Width chain - Width tape	BS 3084, 1992	2.4 0.4 4.5 13.9	
1. Lateral strength chain [N] - as received	BS 3084, 1992 test 4	260	≥ 200
2. Durability test*	BS 3084, 1992 test 3	Undamaged	Undamaged
3. Lateral strength chain [N] - after durability test	BS 3084, 1992 test 5	254	≥ 180
4a. Slider locking strength partly closed zip fastener [N]	BS 3084, 1992 test 8	56.7	≥ 15
5. Breaking strength of the bottom step; 5a. Closed end zip fasteners [N] 5b1 Lateral strength of the open end flament [N] 5b2 Longitudinal strength of the box [N]	BS 3084, 1992 test 2 DIN 3419, par 5.2.3.5	90 120	≥ 60 ≥ 70
	BS 3084, 1992, test 4	144	≥ 70

* Durability test group B, lateral load: 10 N, longitudinal load: 10 N, 500 cycles

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 im Textilbereich



Date
 31 January 2002

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Table 4: T10 POLY ZIPPER CLOSED END / OPEN END (sample code 013190/4)

Determination	Methods	Results	Requirements group D
0. Dimensions [mm] - Thickness chain - Thickness textile - Width chain - Width tape	BS 3084, 1992	2.5 0.5 5.8 15.7	
1. Lateral strength chain [N] - as received	BS 3084, 1992 test 6	588	≥ 370
2. Durability test*	BS 3084, 1992 test 5	Undamaged	Undamaged
3. Lateral strength chain [N] - after durability test	BS 3084, 1992 test 5	708	≥ 335
4a. Slider locking strength partly closed zip fastener [N]	BS 3084, 1992 test 8	86	≥ 40
5. Breaking strength of the bottom stop: 5a. Closed end zip fasteners [N] 5b1. Lateral strength of the open end flament [N] 5b2. Longitudinal strength of the box [N]	BS 3084, 1992 test 2 DIN 3419, par 5.2.3.5 BS 3084, 1992, test 4	132 170 149	≥ 100 ≥ 120 ≥ 120

* Durability test group D, lateral load: 24 N, longitudinal load: 18 N, 500 cycles



Table 5: T45 METAL ZIPPER CLOSED END (sample code 023002/2).

Determinations	Methods	Results	Requirements group C
0. Dimensions [mm]: - Thickness chain - Thickness textile - Width chain - Width tape	BS 3084, 1992	2,1 0,5 4,6 13,2	
1. Lateral strength chain [N] - as received	BS 3084, 1992 test 6	866	≥ 250
2. Durability test*	BS 3084, 1992 test 5	Undamaged	Undamaged
3. Lateral strength chain [N] - after durability test	BS 3084, 1992 test 5	560	≥ 225
4a. Slider locking strength partly closed zip fastener [N]	BS 3084, 1992 test 8	107,6	≥ 25
b. Scoop-slippage	Astm-D 2061, test 14.3	41	≥ 40
5. Breaking strength of the bottom stop; 5a. Closed end zip fasteners [N]	BS 3084, 1992, test 2	106	≥ 100
7. Resistance to environmental stress cracking (brass zip fasteners only)	ILN-F30		
7a security of the attachment of the individual teeth before treatment.	DIN 3419, par. 5.2.3.2.	70	≥ 50
7b security of the attachment of the individual teeth after treatment.	DIN 3419, par. 5.2.3.2.	77	≥ 45

* Durability test group C, lateral load: 16 N, longitudinal load: 14 N, 500 cycles

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 der TU Dresden



Date
 31 January 2007

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Table 6: TS INVISIBLE ZIPPERS (sample code 023002/3).

Determinations	Methods	Results	Requirements group II
0. Dimensions [mm] - Thickness chain - Thickness textile - Width chain - Width tape	BS 3084, 1992	2.0 0.4 4.2 11.5	
1. Lateral strength chain [N] - as received	BS 3084, 1992 test 6	338	≥ 200
2. Durability test [*]	BS 3084, 1992 test 5	*	Undamaged
3. Lateral strength chain [N] - after durability test	BS 3084, 1992 test 5	269	≥ 180
4a. Slider locking strength partly closed zip fastener [N]	BS 3084, 1992 test 8	93.8	≥ 15
5. Breaking strength of the bottom stop; 5a. Closed end zip fasteners [N]	BS 3084, 1992 test 2	146	≥ 60

* Durability test group B, lateral load: 10 N, longitudinal load: 9 N, 500 cycles, 6 zippers tested, 3 zippers succeed > 500 times, 3 zippers damaged (tape breaks) at < 400 times.



MERCHANDISE
TESTING
LABORATORIES (TURKEY) LTD.

REPORT

EXPRESS

Report Sent To: Rosa Tekstil / Emin Baltas

Test(s) Requested: Only Zipper Performance Tests Upon Vendor's Request

OVERALL RATING: Satisfactory

Lab. Location : Turkey
 MTL Report Number: L-2036-01 (TR)
 Form No: /
 Prev. Report No: /
 Buyer: /
 Agent: AMC Turkey
 Vendor: Rosa Tekstil Firmar Sanayi Ticaret A.Ş.
 Vendor Email Address: /
 Vendor Fax Number: 902126372555
 Log In: June 12th , 2001
 Log Out: June 15th , 2001
 Turn Around Time: 3.0 Working Days
 P.O. No: /
 Product Submitted: Metal Zippers (Size:4-5)
 Country Orig.: /
 F-Spec No: /
 Style No: /
 Dept (s): /
 Labeled Fiber Content: /
 Dye Type: /
 Fabric/Garment Weight: /
 Color(s): Navy

Vendor Rec. Care Label: /

Rec Care Label: /

EXECUTIVE SUMMARY / RECOMMENDATIONS FOR IMPROVEMENT:

The sample is rated as "Satisfactory" .

CN HT 5P

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MERCHANDISE TESTING LABORATORIES LTD. Cumhuriyet Caddesi, Fıratlıyolu Kavşağı, 35670 Akköy - İstanbul / TÜRKİYE
 Tel: (90) 0212 6712 6776 (223 306) - 0212 499 375 Fax: (90) 0212 9920 33 33 E-mail: info@mtl.com.tr
 0212 499 3777 • 0212 499 3778 • 0212 499 3779 • 0212 499 3780 • 0212 499 3781 • 0212 499 3782 • 0212 499 3783 • 0212 499 3784 • 0212 499 3785 • 0212 499 3786 • 0212 499 3787 • 0212 499 3788 • 0212 499 3789 • 0212 499 3790 • 0212 499 3791 • 0212 499 3792 • 0212 499 3793 • 0212 499 3794 • 0212 499 3795 • 0212 499 3796 • 0212 499 3797 • 0212 499 3798 • 0212 499 3799 • 0212 499 3800




MTL No. : L-2036-01 (TR)

Tested Property	Set.	Unsat.
FABRIC WEIGHT	NT	
FABRIC CONSTRUCTION	NT	
LABELING	NT	
FIBER CONTENT	NT	
CARE INSTRUCTION	NT	
DIM. STABILITY	NT	
CF TO ACTUAL LAUNDERING	NT	
AFTER WASH APPEARANCE (DHC 60)	NT	
TURQUE OF SIDE SEAM	NT	
SEAM STRETCHABILITY	NT	
TRIM ATTACHMENT STRENGTH	NT	
ZIPPER STRENGTH	X	
CHILDREN SAFE GARMENT REVIEW	NT	
LEAD CONTENT (CHILDREN ONLY)	NT	
OTHERS	NT	

MERCHANDISE TESTING LABORATORIES (TURKEY)
VE DIS TIC. LTD. STI.


PROF. DR. RABİYE DAYIGÖZÜ
LABORATORY DIRECTOR


GÜLCİN GÖKBULUT
MANAGER

REMARK: 1. The test results relate only to the items tested.
2. See enclosed worksheets for test results.
3. The report shall not be reproduced except in full, without the written approval of the laboratory.

C/R NT, SF

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MTL No.: L-2036-01 (TR)

TEST PROPERTY	TEST RESULTS	REQUIREMENTS
STRENGTH/ DURABILITY PROPERTIES		
A14 Zipper Strength Tests (ASTM-D-2061)		
Element Pull (lbs.)	19.04 lbs.	Min: 12 lbs
Chain Crosswise Strength (lbs.)	120.3 lbs.	Min: 110 lbs
Top Stop Holding (lbs.)	Pass	Min: 15 lbs@10sec
Slider Pull (lbs.)	76.32 lbs.	Min: 22 lbs.

* INDICATES MARGINAL RESULT
 ** INDICATES BELOW THE REQUIREMENT



ROZA 2004

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ROZA

Merkez/Center

Keresteciler Sitesi Fatih Caddesi
Yüksük Sokak No:3/1

Merter - İSTANBUL - TÜRKİYE

Tel: (0 212) 637 28 82 (pbx)

637 01 92 - 95 637 25 54

Fax: (0 212) 637 25 55

e-mail: roza@roza zipper.com

roza@turk.net

Fabrika/Factory

Hacı Şeremet Meskii Yulalı Köyü

Çorlu - TEKİRDAĞ - TÜRKİYE

Tel: (0 282) 676 45 51 (9 hat)

676 42 68 (pbx)

Fax: (0 282) 676 45 60

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