

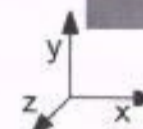


10.10330a

ISTITUTO ITALIANO SICUREZZA GIOCATTOLI

RAPPORTO DI PROVA: 10.10330a

del 20-07-2010



DATE	RICHIEDENTE
Inizio prove: 20-07-2010	GEOMAGWORLD SA
Fine prove: 20-07-2010	
ETA'	DIMENSIONE
Utilizzo dichiarata > 36 mesi/months	Dim. max: X=340mm;
Riferimento prove come dichiarata	Y=70mm; Z=220mm

CONFEZIONE: scatola in cartone

IDENTIFICAZIONE DELL'ARTICOLO (no. 48496)

LINEA WHEEL - ITEM 701 - ITEM 702 - ITEM 703 - ITEM 704

NORMA DI RIFERIMENTO

ASTM F963-08

Specifiche per la Sicurezza del Consumatore per la Sicurezza dei Giocattoli

4	Safety Requirements	P
4.1	Material Quality	P
4.2	Flammability	P *
4.6	Small Objects	P
4.6.1	Toys intended for children under 36 months of age	NA
4.6.1.1	Applicability of the requirements	NA
4.6.1.2	Exemptions	NA
4.6.1.3	Toys intended to be assembled by an adult	NA
4.6.2	Mouth Actuated Toys	NA
4.6.2.1	Small objects contained in an inflatable toy	NA
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age	P
4.7	Accessible Edges	P
4.7.1	Potentially hazardous sharp metal and glass edges	P
4.7.2	Toys containing potentially hazardous edges that are a necessary part of the function of a toy	NA
4.7.3	Metal Toys	P
4.7.4	Molded Toys	P
4.7.5	Exposed Bolts or Threaded Rods	NA
4.8	Projections	NA
4.9	Accessible Points	P
4.9.1	Potentially hazardous sharp points	P
4.9.2	Toys in which an accessible, potentially hazardous sharp point is a necessary function of the toy	NA
4.9.3	Wood	NA
4.12	Packaging Film	P *

pag. 1 di 4



ISTITUTO ITALIANO SICUREZZA GIOCATTOLI

RAPPORTO DI PROVA: 10.10330a del 20-07-2010

ASTM F963-08

4.12.1	Shrink film	NA
4.12.2	Bags of pastic film with a minor dimension of 100mm or less	NA
4.34	Balls	P
4.34.1	Balls intended for children under 36 months of age	NA
4.34.2	Toys intended for children at least 3 years of age but less than 8 years of age and which contain a loose small ball	P
4.38	Magnets	P
4.38.1	Loose as received magnets or magnetic components	P
4.38.2	Abuse test	P
4.38.3	Hobby craft and sience kits	NA
5	Labeling Requirements	P
5.1	Federal Government Requirements	P
5.2	Age Grading requirements	P
5.3	Safety Labeling Requirements	P
5.3.1	Symbol, Signal word and Hazard Description. Positioning and dimensions	P
5.3.2	Suitability of the signal word	P
5.3.3	Suitability of Hazard description	P
5.3.4	Location of the required Safety Labeling	P
5.3.5	Premium packages and packages containing other items	NA
5.3.6	Conspicuousness and legibility of the safety labeling	P
5.3.7	Durability of the safety labeling printed or marked on the toy itself	NA
5.3.8	Durability of the safety labeling affixed in the form of an applied label	NA
5.11	Small Objects, Small Balls, Marbles and Balloons	P
5.11.1	Presence of safety labeling on packages, descriptive material and retail display container	P
5.11.1.1	Language and position of labeling	P
5.11.1.2	Labeling layout	P
5.11.1.3	Type size requirements	P
5.11.1.4	Warning Triangle	P
5.11.2	Toys and games intended for children at least 3 years old but less than 6 years of age and which contain as received small part(s)	P
5.11.3	Small ball intended for children 3 years of age or older	P
5.11.3.1	Toys and games intended for children at least 3 years old but less than 8 years of age and which contain a small ball	P
5.11.4	Marbles intended for children 3 years of age or older	NA
5.11.4.1	Toys and games intende for children at least 3 years old but less than 8 years of age and which contain a marble	NA
5.11.5	Latex balloons or toys and games that contain latex balloons	NA

pag. 2 di 4



ISTITUTO ITALIANO SICUREZZA GIOCATTOLI

RAPPORTO DI PROVA: 10.10330a del 20-07-2010

ASTM F963-08

5.11.6	Combination of Labeling Statements	P
5.11.7	Alternative Labeling Statements for Items Subject to the Requirements of 5.11	NA
5.11.7.1	Small object, small ball or marble	NA
5.11.7.2	Balloon	NA
5.16	Promotional Materials	P
5.17	Magnets	NA
6	Instructional Literature	P
6.1	Definition and Description	P
7	Producer's markings	P
7.1	Name and address of the producer or the distributor	P
9	Identification	NR
9.1	Statement of complinace	NR
9.1.1	Suggested statements of compliance	NR

I requisiti non esplicitati nel presente rapporto si intendono non applicabili al prodotto sottoposto a test.

NOTE

4.2 Flammability

In accordo con l' ASTM F 963 il metodo di test definito in 16 CFR 1500.44 è stato applicato ai materiali solidi.

Velocità di propagazione della fiamma:

Cerchione (tutti i colori): 0,06 in/s

Gomma nera: 0,03 in/s

Plastica arancio: 0,02 in/s

Corpo della macchina in plastica (tutti i colori): 0,08 in/s

Componenti rossi con magneti: non si infiamma

componenti viola con magneti: non si infiamma

Componenti arancio con magneti: non si infiamma

Componenti gialli con magneti: non si infiamma

Componenti verdi con magneti: non si infiamma

Componenti blu con magneti: non si infiamma

Sfere: esenti per dimensioni

contenitore per le sfere in plastica= esente per dimensione.

Limite massimo consentito 0,1 in/s

4.12 Packaging Film

1) Perimetro d'apertura: 250 mm (lungo)

Spessore sacchetto di plastica: 0,045 mm

2) Perimetro d'apertura: 250 mm (piccolo)

Spessore sacchetto di plastica: 0,045 mm

3) Perimetro d'apertura: 340 mm

Spessore sacchetto di plastica: 0,043 mm

(spessore minimo consentito: 0,03810 mm)

4) Perimetro d'apertura: 434 mm.

Il sacchetto di plastica è costituito da fogli perforati conformi ai requisiti: il sacchetto di plastica possiede fori/buchi e più dell'1% dell'area è rimossa sopra qualunque area di 30X30mm.



ISTITUTO ITALIANO SICUREZZA GIOCATTOLI

RAPPORTO DI PROVA: 10.10330a del 20-07-2010

16 CFR part 1500 Edition 2009

NORMA DI RIFERIMENTO

16 CFR part 1500 Edition 2009

Sostanze ed articoli pericolosi; gestione ed applicazione dei regolamenti

1500.18	Banned toys and other banned articles intended for use by children	P
1500.19	Misbranded toys and other articles intended for use by children	P
1500.44	Method for determining extremely flammable and flammable solids	P
1500.47	Method for determining the sound pressure level produced by toy caps	NA
1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age	P
1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age	P

I requisiti non esplicitati nel presente rapporto si intendono non applicabili al prodotto sottoposto a test

NORMA DI RIFERIMENTO

CPSIA

Etichetta di rintracciabilità per prodotti per bambini

103	Etichetta di rintracciabilità per prodotti per bambini	P
-----	--	---

I requisiti non esplicitati nel presente rapporto si intendono non applicabili al prodotto sottoposto a test

Responsabile Laboratorio
Giuseppe Benini



10.10330a

ISTITUTO ITALIANO SICUREZZA GIOCATTOLI

REPORT: 10.10330a

dated 20-07-10

DATES

Test beginning: 20-07-2010

Issue date: 20-07-2010

APPLICANT

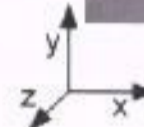
GEOMAGWORLD SA

AGE GRADING

Labeled: > 36 mesi/months

For testing: as attested

SIZES

Dim. max: X=340mm;
Y=70mm; Z=220mm

PACKING GRADING: cardboard box

SAMPLE DESCRIPTION (no. 48496)

ITEM 701 - ITEM 702 - ITEM 703 - ITEM 704

REFERENCE STANDARDS

ASTM F963-08

Standard Consumer Safety Specification for Toy Safety

4	Safety Requirements	P
4.1	Material Quality	P
4.2	Flammability	P *
4.6	Small Objects	P
4.6.1	Toys intended for children under 36 months of age	NA
4.6.1.1	Applicability of the requirements	NA
4.6.1.2	Exemptions	NA
4.6.1.3	Toys intended to be assembled by an adult	NA
4.6.2	Mouth Actuated Toys	NA
4.6.2.1	Small objects contained in an inflatable toy	NA
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age	P
4.7	Accessible Edges	P
4.7.1	Potentially hazardous sharp metal and glass edges	P
4.7.2	Toys containing potentially hazardous edges that are a necessary part of the function of a toy	NA
4.7.3	Metal Toys	P
4.7.4	Molded Toys	P
4.7.5	Exposed Bolts or Threaded Rods	NA
4.8	Projections	NA
4.9	Accessible Points	P
4.9.1	Potentially hazardous sharp points	P
4.9.2	Toys in which an accessible, potentially hazardous sharp point is a necessary function of the toy	NA
4.9.3	Wood	NA
4.12	Packaging Film	P *

page 1 of 4



ISTITUTO ITALIANO SICUREZZA GIOCATTOLI

REPORT: 10.10330a dated 20-07-10

ASTM F963-08

4.12.1	Shrink film	NA
4.12.2	Bags of pastic film with a minor dimension of 100mm or less	NA
4.34	Balls	P
4.34.1	Balls intended for children under 36 months of age	NA
4.34.2	Toys intrdeded for children at least 3 years of age but less than 8 years of age and which contain a loose small ball	P
4.38	Magnets	P
4.38.1	Loose as received magnets or magnetic components	P
4.38.2	Abuse test	P
4.38.3	Hobby craft and sience kits	NA
5	Labeling Requirements	P
5.1	Federal Government Requirements	P
5.2	Age Grading requirements	P
5.3	Safety Labeling Requirements	P
5.3.1	Symbol, Signal word and Hazard Description. Positioning and dimensions	P
5.3.2	Suitability of the signal word	P
5.3.3	Suitability of Hazard description	P
5.3.4	Location of the required Safety Labeling	P
5.3.5	Premium packages and packages containing other items	NA
5.3.6	Conspicuousness and legibility of the safety labeling	P
5.3.7	Durability of the safety labeling printed or marked on the toy itself	NA
5.3.8	Durability of the safety labeling affixed in the form of an applied label	NA
5.11	Small Objects, Small Balls, Marbles and Balloons	P
5.11.1	Presence of safety labeling on packages, descriptive material and retail display container	P
5.11.1.1	Language and position of labeling	P
5.11.1.2	Labeling layout	P
5.11.1.3	Type size requirements	P
5.11.1.4	Warning Triangle	P
5.11.2	Toys and games intended for children at least 3 years old but less than 6 years of age and which contain as received small part(s)	P
5.11.3	Small ball intended for children 3 years of age or older	P
5.11.3.1	Toys and games intended for children at least 3 years old but less than 8 years of age and which contain a small ball	P
5.11.4	Marbles intended for children 3 years of age or older	NA
5.11.4.1	Toys and games intende for children at least 3 years old but less than 8 years of age and which contain a marble	NA
5.11.5	Latex balloons or toys and games that contain latex balloons	NA



ISTITUTO ITALIANO SICUREZZA GIOCATTOLI

REPORT: 10.10330a dated 20-07-10

ASTM F963-08

5.11.6	Combination of Labeling Statements	P
5.11.7	Alternative Labeling Statements for Items Subject to the Requirements of 5.11	NA
5.11.7.1	Small object, small ball or marble	NA
5.11.7.2	Balloon	NA
5.16	Promotional Materials	P
5.17	Magnets	NA
6	Instructional Literature	P
6.1	Definition and Description	P
7	Producer's markings	P
7.1	Name and address of the producer or the distributor	P
9	Identification	NR
9.1	Statement of complinace	NR
9.1.1	Suggested statements of compliance	NR

The requirements not shown in the present test report are not applicable to the product submitted to tests

NOTES

4.2 Flammability

In deviation to ASTM F 963 the test method defined in 16 CFR 1500.44 has been applied to solid materials.

Rate of spread of flame:

Rims (all colors): 0,06 in/s
Black rubber: 0,03 in/s
Orange plastic: 0,02 in/s
Plastic body machine (all colors): 0,08 in/s
Red components with magnet: do not ignite
Violet components with magnet: do not ignite
Orange components with magnet: do not ignite
Yellow components with magnet: do not ignite
Green components with magnet: do not ignite
Blue components with magnet: do not ignite
Spheres: exempt for size
Plastic container for the spheres: exempt for size

The maximum acceptable is 0,1 in/s

4.12 Packaging Film

1) Opening perimeter: 250 mm (long)
Plastic bag thickness: 0,045 mm
2) Opening perimeter: 250 mm (small)
Plastic bag thickness: 0,045 mm
3) Opening perimeter: 340 mm
Plastic bag thickness: 0,043 mm
(minimum thickness allowed: 0,03810 mm)
4) Opening perimeter: 434 mm. Plastic bag is made of perforate sheet conform to the requirements: the plastic bag has defined holes and more than 1% of the area is removed over any area of 30X30mm.



ISTITUTO ITALIANO SICUREZZA GIOCATTOLI

REPORT: 10.10330a dated 20-07-10

16 CFR part 1500 Edition 2009

REFERENCE STANDARDS

16 CFR part 1500 Edition 2009 Hazardous substances and articles; administration and enforcement regulations		
1500.18	Banned toys and other banned articles intended for use by children	P
1500.19	Misbranded toys and other articles intended for use by children	P
1500.44	Method for determining extremely flammable and flammable solids	P
1500.47	Method for determining the sound pressure level produced by toy caps	NA
1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age	P
1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age	P

The requirements not shown in the present test report are not applicable to the product submitted to tests

REFERENCE STANDARDS

CPSIA Tracking Labels for Children's Products		
103	Tracking Labels for Children's Products	P

The requirements not shown in the present test report are not applicable to the product submitted to tests

Supervisor Laboratory
Giuseppe Benini

