



ISTITUTO ITALIANO SICUREZZA DEI GIOCATTOLI
REPORT: 09 27713

Issue date: 08-07-2009

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SAMPLE DESCRIPTION

LINEA BABY SERIE SEA ITEM 090 - LINEA BABY SERIE SEA ITEM 091 - LINEA BABY SERIE SEA ITEM 092 - LINEA
BABY SERIE SEA ITEM 093



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The results are exclusively referred to the samples tested*

ISTITUTO ITALIANO SICUREZZA DEI GIOCATTOLI SRL

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Date in sample: 25-06-2009
Test beginning: 02-07-2009
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Packing grading: cardboard box
Labeled age grading: + 10 mesi
Age grading for testing: as attested by the producer
Sizes grading: Max Dim X=410mm Y=70mm Z=260mm

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REFERENCE STANDARDS

15 CFR Commerce and Foreign Trade

1150 Marking of Toys, Look-Alike and Imitation Firearms

NA



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REFERENCE STANDARDS

16 CFR Commercial Practices

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	NA
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	NA
1501	Method for Identifying Toys and Other Articles Intended for Use by Children Under 3 Years of Age which Present Choking, Aspiration, or Ingestion Hazards Because of Small Parts	P
1505	Requirements for Electrically Operated Toys or Other Electrically Operated Articles Intended for Use by Children	NA
1510	Requirements for Rattles	P
1511	Requirements for Pacifiers	NA
1610	Standard for Flammability of Clothing Textiles	NA



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ASTM F 963-07e1 Standard Consumer Safety Specification for Toy Safety

4.1	Material Quality	P
4.2	Flammability <i>Note: In deviation to ASTM F 963 the test method defined in 16 CFR 1500.44 has been applied to solid materials.</i> Burn rate: Soft red plastic: 1 mm/s (0,04 in/s) Soft blue plastic: 0,7 mm/s (0,03 in/s) Soft green plastic: 0,8 mm/s (0,03 in/s) Soft yellow plastic: 0,8 mm/s (0,03 in/s) Cube: do not ignite Cylinder (blue/yellow): do not ignite Cylinder (green/red): do not ignite Dome (green/blue): do not ignite Dome (blue/red): do not ignite Maximum acceptable: 2,5 mm/s (0,10 in/s)	P
4.3	Toxicology <i>Note: See chemical test report</i>	
4.4	Electrical/Thermal Energy	NA
4.5	Sound Producing Toys	P
4.5.1	Requirements	P
4.5.1.1	A-weighted equivalent sound pressure level of continuous sounds for close to the ear toys	NA
4.5.1.2	A-weighted equivalent sound pressure level of continuous sounds for other toys	NA
4.5.1.3	C-weighted peak sound pressure level of impulsive sounds for close to the ear toys	NA
4.5.1.4	C-weighted peak sound pressure level of impulsive sounds for other toys (excluding percussion caps) <i>Note: C-weighted peak sound pressure level: 95,5 dB Maximum acceptable: 115 dB</i>	P
4.5.1.5	C-weighted peak sound pressure level of impulsive sounds for toys using percussion caps or other explosive action	NA
4.6	Small Objects	P
4.6.1	Toys intended for children under 36 months of age	P
4.6.1.1	Applicability of the requirements	P
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	NA



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4.7	Accessible Edges	P
4.7.1	Potentially hazardous sharp metal and glass edges	NA
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	NA
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
4.10	Wires or Rods	NA
4.11	Nails and Fasteners	NA
4.12	Packaging Film	P
	<i>Note:</i>	
4.12.1	Shrink film	NA
4.12.2	Bags of plastic film with a minor dimension of 100mm or less	NA
4.13	Folding Mechanisms and Hinges	NA
4.13.1	Folding Mechanisms	NA
4.13.2	Hinge Line Clearance	NA
4.14	Cords, Straps and Elastics	NA
4.14.1	Cords and Elastics in Toys	NA
4.14.1.1	Cords, Straps and Elastics Containing a Breakaway Feature	NA
4.14.2	Self Retracting Pull Cords	NA
4.14.3	Pull Toys	NA
4.14.4	Strings and Lines for Flying Devices	NA
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	NA
4.15	Stability and Over-Load Requirements	NA
4.15.1	Stability of Ride-On Toys and Seats	NA
4.15.2	Sideways Stability Requirements	NA



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4.15.2.1	Sideways Stability, Feet Available for Stabilization	NA
4.15.2.2	Sideways stability, feet unavailable for stabilization	NA
4.15.3	Fore and Aft Stability	NA
4.15.4	Stability of Stationary Floor Toys	NA
4.15.5	Overload Requirements for Ride-On Toys	NA
4.15.6	Wheeled ride on toys - Dynamic strength test	NA
4.16	Confined Spaces	NA
4.16.1	Ventilation	NA
4.16.1.1	Openings Requirements	NA
4.16.1.2	Opening requirements	NA
4.16.2	Closures	NA
4.16.2.1	Opening force	NA
4.16.3	Toys that Enclose the Head	NA
4.17	Wheels, Tires, and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.18.1	Accessible Clearances for Moveable Segments	NA
4.18.2	Circular Holes in Rigid Materials	NA
4.18.3	Chains and Belts	NA
4.18.3.1	Supporting Chains	NA
4.18.3.2	Chains or Belts for Ride-On Toys	NA
4.18.4	Inaccessibility of Mechanisms	NA
4.18.5	Winding Keys	NA
4.18.6	Coil Springs	NA
4.18.6.1	3mm diameter rod cannot be inserted	NA
4.18.6.2	6mm diameter rod can be freely inserted	NA
4.19	Simulated Protective Devices	NA
4.19.1	Eye Protection	NA
4.19.2	Labelling	NA
4.20	Pacifiers	NA
4.20.1	Nitrosamine Content	NA
4.20.2	Toy Pacifiers	NA



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4.21	Projectile Toys	NA
4.21.1	Toys intended to launch projectiles by means of a discharge mechanism in which the kinetic energy of the projectile is determined by the toy	NA
4.21.1.1	Sharp edges, sharp points, small parts	NA
4.21.1.2	Tip radius	NA
4.21.1.3	Kinetic energy	NA
4.21.1.4	Protective tips	NA
4.21.2	Discharge Mechanisms	NA
4.21.3	Arrows	NA
4.22	Teethers and Teething Toys	NA
4.22.1	Dimensional Requirements	NA
4.22.2	Teethers and Teething Toys incorporating nearly Spherical, hemispherical or circular flared ends	NA
4.22.3	Exclusions	NA
4.23	Rattles	P
4.23.1	Rigid rattles incorporating nearly Spherical, hemispherical or circular flared ends	P
4.24	Squeeze Toys	NA
4.24.1	Dimensional requirements	NA
4.24.2	Squeeze toys incorporating nearly Spherical, hemispherical or circular flared ends	NA
4.25	Battery Operated Toys	NA
4.25.1	Toy marking	NA
4.25.1.1	Toys containing non replaceable batteries	NA
4.25.2	Maximum nominal voltage	NA
4.25.3	Rechargeability of non-rechargeable batteries	NA
4.25.3.1	Exclusion for toys having a circuit powered only by button cell type batteries	NA
4.25.4	Toys intended for children less than 3 years old	NA
4.25.5	Accessibility of batteries that fit into the small parts cylinder	NA
4.25.6	Design of battery compartments	NA
4.25.7	Temperature of battery surfaces	NA
4.25.7.1	Temperature of battery surfaces after abuse	NA
4.25.7.2	Temperature of battery surfaces in stalled motor conditions	NA



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4.25.8	Abnormal operation	NA
4.25.9	Instructions	NA
4.25.10	Battery Powered Ride-On Toys	NA
4.25.10.1	Maximum temperature measured on the insulation of any conductor	NA
4.25.10.2	Risk of Fire	NA
4.25.10.3	Automatic restore of circuit protection devices	NA
4.25.10.4	Switches	NA
4.25.10.5	User replaceable circuit protection devices	NA
4.25.10.6	Batteries and battery chargers	NA
4.25.10.7	Wiring Connections	NA
4.25.10.8	Strain relief	NA
4.25.10.9	Safety labeling, additional instructional literature and required producer's markings	NA
4.26	Toys Intended to be Attached to a Crib or a Playpen	NA
4.26.1	Protrusions	NA
4.26.2	Crib Mobiles	NA
4.26.3	Crib Gyms	NA
4.27	Toy Chests	NA
4.27.1	Lid Support	NA
4.27.1.1	Vertically openings, hinged lids	NA
4.27.1.2	Fatigue test (7000 cycles)	NA
4.27.1.3	Absence of adjustment for lid support	NA
4.27.1.4	Prevention of injuries to fingers	NA
4.27.2	Hinge Line Clearance	NA
4.27.3	Closures	NA
4.27.4	Ventilations	NA
4.27.4.1	Unobstructed ventilation area	NA
4.27.4.2	Presence of permanent partition	NA
4.27.5	Safety Labeling	NA
4.28	Stuffed and Beanbag-Type Toys	NA
4.29	Stroller and Carriage Toys	NA
4.30	Art Materials	NA



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4.30.1	Toxicology	NA
4.30.2	Warnings	NA
4.30.3	Suitability for age	NA
4.31	Toy Gun Marking	NA
4.31.1	Applications	NA
4.31.2	Exclusions	NA
4.31.3	Marking	NA
4.31.3.1	Orange plug	NA
4.31.3.2	Orange band	NA
4.31.3.3	Coloration of the entire exterior surface	NA
4.32	Balloons	NA
4.33	Certain Toys with Spherical Ends	NA
4.33.1	Toys intended for children up to the age of 18 months	NA
4.33.1.1	Exclusion	NA
4.33.2	Preschool Play Figures	NA
4.33.2.1	Supplementary test fixture	NA
4.33.2.2	Exclusion	NA
4.34	Marbles	NA
4.34.1	Labeling	NA
4.35	Balls	NA
4.35.1	Balls intended for children under 36 months of age	NA
4.35.2	Toys intended for children at least 3 years of age but less than 8 years of age and which contain a loose small ball	NA
4.36	Pompoms	NA
4.37	Hemispheric Shaped Objects	NA
4.37.1	Objects intended for drinking	NA
4.37.2	Objects intended to hold liquids	NA
4.37.3	Airtight containers	NA
4.37.4	Non detachable components	NA
4.37.5	Retail packages	NA
4.37.6	Performance Requirements	NA



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4.38	Yo Yo Elastic Tether toys	NA
4.38.1	End mass greater than 0.02kg	NA
4.39	Magnets	P
4.39.1	Labeling	NA
4.39.2	Abuse test	P
5	Labeling Requirements	P
5.1	Federal Government Requirements	P
5.2	Age Grading requirements	P
5.3	Safety Labeling Requirements	NA
5.3.1	Symbol, Signal word and Hazard Description. Positioning and dimensions	NA
5.3.2	Suitability of the signal word	NA
5.3.3	Suitability of Hazard description	NA
5.3.4	Location of the required Safety Labeling	NA
5.3.5	Premium packages and packages containing other items	NA
5.3.6	Conspicuousness and legibility of the safety labeling	NA
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
5.4	Aquatic Toys	NA
5.5	Crib and Playpen Toys	NA
5.5.1	Age Grading	NA
5.5.2	Safety Labeling	NA
5.6	Mobiles	NA
5.6.1	Age Grading	NA
5.6.2	Safety Labeling	NA
5.6.2.1	Mobiles intended to be attached to a crib or playpen	NA
5.6.2.2	Mobiles intended to be attached only to a wall or ceiling	NA
5.7	Stroller and Carriage Toys	NA
5.8	Toys Intended to be Assembled by an Adult	NA
5.9	Simulated Protective Devices	NA
5.10	Toys with Functional Sharp Edges or Point	NA
5.11	Small Objects, Small Balls, Marbles and Balloons	NA



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5.11.1	Presence of safety labeling on packages, descriptive material and retail display container	NA
5.11.1.1	Language and position of labeling	NA
5.11.1.2	Labeling layout	NA
5.11.1.3	Type size requirements	NA
5.11.1.4	Warning Triangle	NA
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)	NA
5.11.3	Small ball intended for children 3 years of age or older	NA
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	NA
5.11.4	Marbles intended for children 3 years of age or older	NA
5.11.4.1	Toys and games intended 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
5.11.6	Combination of Labeling Statements	NA
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
5.12	Toy Caps	NA
5.13	Art Materials	NA
5.14	Electric Toys	NA
5.15	Battery-Operated Toys	NA
5.15.1	Battery-Powered Ride-On Toys	NA
5.15.1.1	Safety Labeling	NA
5.15.1.2	Packaging: age or weight limitations	NA
5.15.1.3	Packaging: warnings	NA
5.16	Promotional Materials	NA
5.17	Magnets	NA
6	Instructional Literature	P
6.1	Definition and Description	P
6.2	Toy Chests	NA



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6.3	Crib and Playpen Toys	NA
6.3.1	Baby's reach	NA
6.3.2	Adjustable mattress levels	NA
6.3.3	Drop side	NA
6.3.4	Fastening	NA
6.3.5	Additional strings	NA
6.4	Mobiles	NA
6.4.1	Grasping	NA
6.4.2	Removal	NA
6.4.3	Wall or ceiling mounting	NA
6.4.4	Fastening	NA
6.4.5	Additional strings	NA
6.5	Toys Intended to be Assembled by an Adult	NA
6.6	Battery-Operated Toys	NA
6.6.1	Do not mix old and new batteries	NA
6.6.2	Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.	NA
6.6.3	Safe use and maintenance of the toy.	NA
6.6.3.1	Maximum weight or age limitations, or both, for safe use of the toy	NA
6.6.3.2	The kinds of surfaces which are appropriate for safe use of the toy	NA
6.6.3.3	Warning statements	NA
6.6.3.4	Only use the battery(ies) specified by the manufacturer	NA
6.6.3.5	Only use the charger(s) specified by the manufacturer.	NA
6.7	Toys in Contact with Food	NA
7	Producer's markings	P
7.1	Name and address of the producer or the distributor	P
7.2	Toy Chests	NA
7.2.1	Name and address	NA
7.2.2	Date (month and year) of manufacture	NA
7.2.3	Change of model number	NA
7.3	Battery-Powered ride-On Toys	NA
9	Identification	NR



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9.1 Statement of compliance NR
9.1.1 Suggested statements of compliance NR

Key:

P = Pass - F = Fail - NA = Not Applicable - NR = Not Required / Not Rated
ND = Not Declared