



TEST REPORT

Report No. 010224010218R1

DATED: 02 APRIL 2025

Client : PLAN CREATIONS CO., LTD.
8 MOO 8, TRANG-PALIAN RD.,
YANTAKAO, TRANG 92140 THAILAND

Buyer : /

Sample Description : RUBBER ROAD & RAIL EXPANSION TRACKS SET C/ SET A / SET B

Item No. : 6325/6323/6324

SKU No. : /

Model / Style : /

Client Specified Age Grade : 18M+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED 09/04/2024

Test Period : FROM 09/04/2024 TO 22/04/2024

Report was revised as per client request and shall supersede Report # 010224010218, dated 22 April 2024

TEST REQUESTED	CONCLUSION	REMARK
EN 71-1:2014+A1:2018 – PHYSICAL AND MECHANICAL PROPERTIES	PASS	-
EN 71-2:2020 – FLAMMABILITY	PASS	-
EN 71-3:2019+A2:2024 – MIGRATION OF CERTAIN ELEMENTS	PASS	-

Remark:

1. The sample is tested "18M+" as per client requested.
2. The Labeled Age Grade is 18M+.

For technical enquiries or any other concerns,
please contact:

GIC TESTING & INSPECTION SERVICES PTE LTD

Tel: +65 6741 2260

Email: services.sg@gicgrp.com

PREPARED BY:

LUKMAN YUSOFF

TESTING ENGINEER

APPROVED BY:

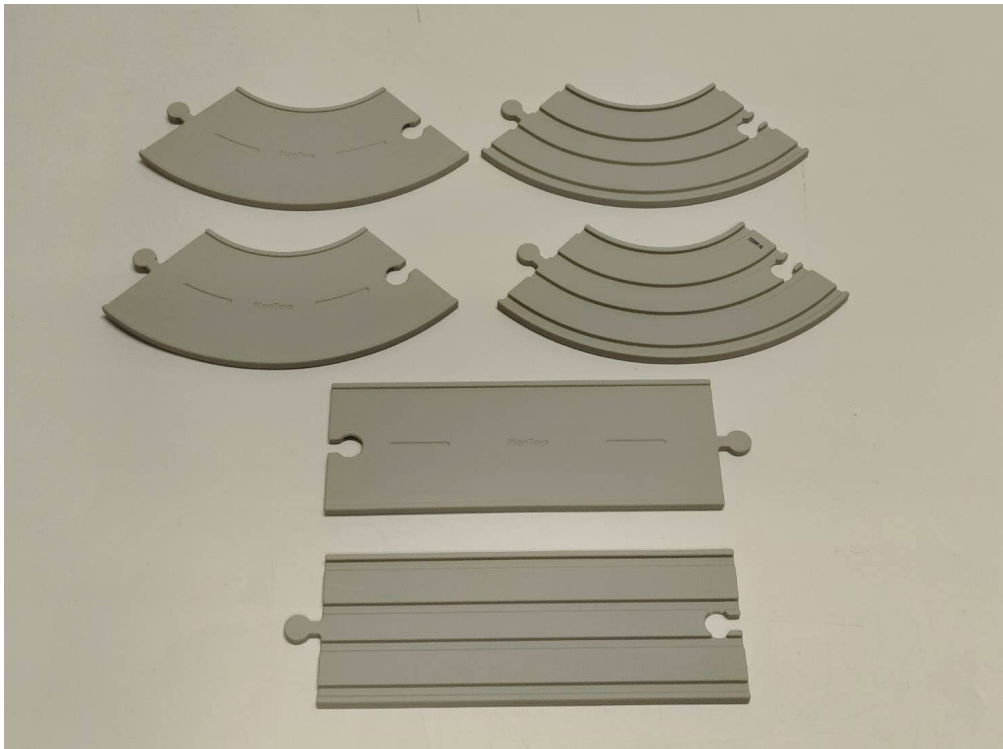
ALEX LAU

TECHNICAL DIRECTOR

GIC Testing & Inspection Services Pte Ltd

158 Kallang Way #08-01
Singapore 349245

SAMPLE PHOTO





Report No. 010224010218R1

DATED: 02 APRIL 2025

SAMPLE PHOTO



These Expansion Tracks can add even more dynamic to your city's play infrastructure designs. This set comes with a two-sided straight rubber tracks. Compatible with other transportation systems in the PlanWorld series.

Rubber Road & Rail Expansion Tracks - Set A

Strassen und Schienen Erweiterung Set A

Diese Erweiterungssatz kann der Spielumstruktur der Stadt noch mehr Dynamik verleihen. Die Flexibilität des Gummis ermöglicht es Kindern, eine einzigartige städtische Infrastruktur zum Spielen zu schaffen. Dieses Set enthält vier zweifelhafte Infrastrukturen, kompatibel mit anderen Transportsystemen der PlanWorld-Serie.

Rails & Routes en Caoutchouc - Expansion A

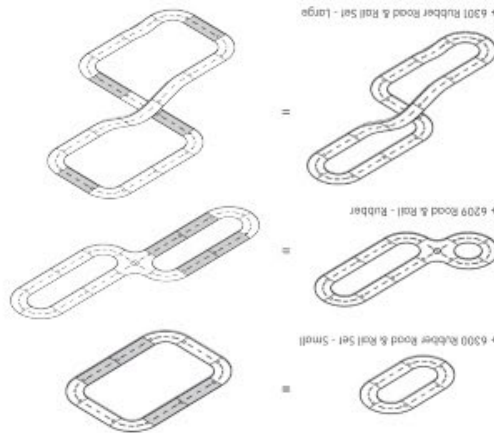
La flexibilité de notre caoutchouc 100% naturel permet aux enfants de créer des infrastructures uniques pour jouer. Cet ensemble comprend quatre éléments droits réversibles rails/routes en caoutchouc.

Expansión de Riles de Caucho para Carreteras y Riles - Juego A

Los puros de expansión pueden agregar aún más dinámica a la estructura común y diseños de transporte únicos. Este juego viene con 4 trozos de goma rectos de dos lados. Compatible con otros sistemas de transporte de la serie PlanWorld.

拡張トラックの柔軟性を活かして、ユニークな交通システムを自由に作ることができます。このセットには、両面が直線の天然ゴム製の拡張トラックが4枚含まれています。

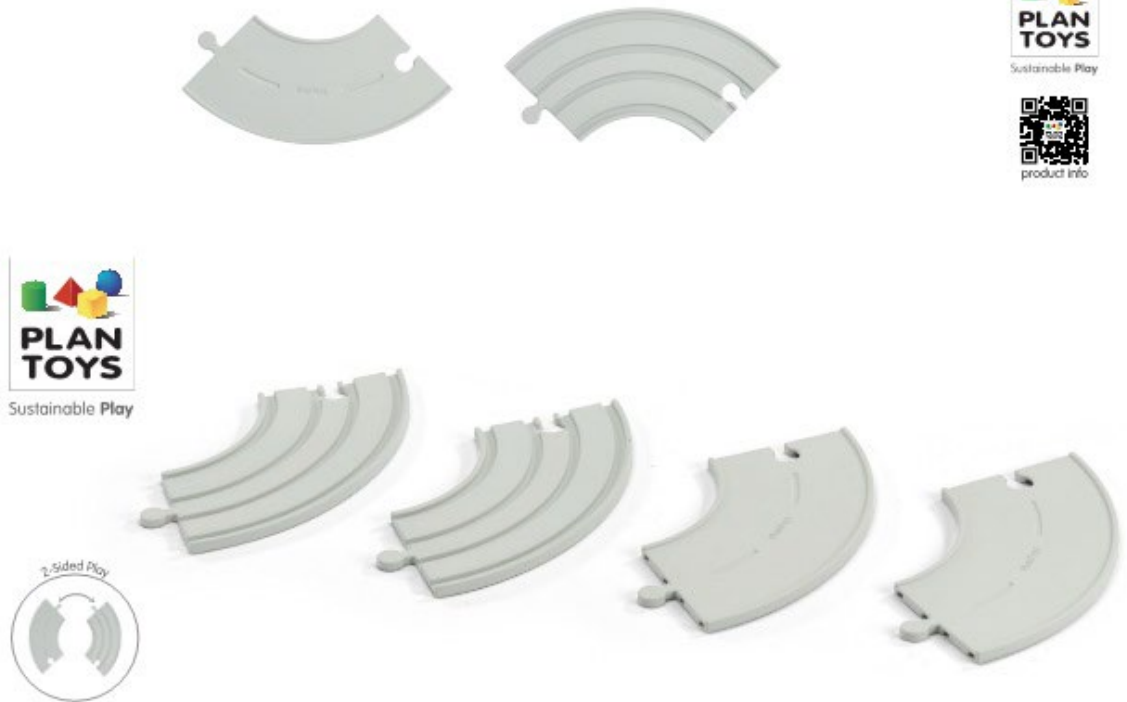
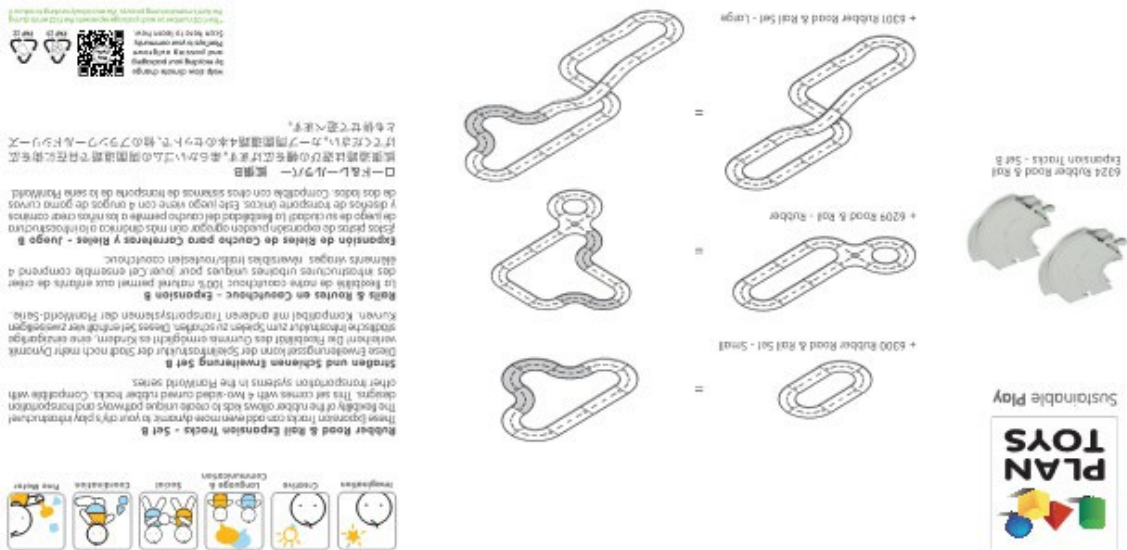
此套擴展軌道可以為您的城市遊戲基礎設施設計增添更多動力。這套產品包含一條雙面直線橡膠軌道。與 PlanWorld 系列的其他交通系統相容。



6323 Rubber Road & Rail Expansion Tracks - Set A 18m+



SAMPLE PHOTO



6324
Rubber Road & Rail Expansion Tracks - Set B
18m+

PLAN CREATIONS CO., LTD.
384/1 So Sathorn 11, North Sathorn Road,
Bangkok, Bangkok 10110
Sustainably made in Thailand

ISO 9001, ISO 14001, ISO 45001, SA 8000 Certified

Conforms to
ASTM CE UK CA



8 554740 063243
Copyright Reserved by PlanToys
Sustainable Play
011524



Report No. 010224010218R1

DATED: 02 APRIL 2025

REMARK:

As per customer request, results for chemical tests listed below were referenced from the corresponding reports, issued no more than 12 months prior to this report.

Item Description: 6325/6323/6324 RUBBER ROAD & RAIL EXPANSION TRACT SET

Components

EN 71-3:2019+A2:2024 Migration of Certain Elements

1 GRAY RUBBER

Report Number

010224020205

Date of Issue

18-Mar-24

GICG - ENABLING TRUST IN A CHANGING WORLD



Report No. 010224010218R1

DATED: 02 APRIL 2025

TEST RESULT(S):

EN 71-1:2014+A1:2018 – Physical and Mechanical Properties

Test Method : Reference to EN 71-1:2014+A1:2018.

Clause	Requirement	Result
4.1	Material cleanliness	M
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	M
4.8	Points and metallic wires	M
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cord of toy kites and other flying toys	NA
4.14	Toys which a child can enter	NA
4.15	Toys propelled by child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	M
6	Packaging	NA
7	Warning, instructions for use	M

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

EN 71-2:2020 - Flammability

Test Method : Reference to EN 71-2:2020.

Test Item(s)	Item / Component Description(s)
1	6325/6323/6324 RUBBER ROAD & RAIL EXPANSION TRACT SET

Subclause	Requirement	Result
4.1	General requirement	PASS
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

DNI = Did Not Ignite



Report No. 010224010218R1

DATED: 02 APRIL 2025

TEST RESULT(S): (Continued)

EN 71-3:2019+A2:2024 – Migration of Certain Elements

Test Method : Reference to BS EN 71-3:2019+A2:2024 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	GRAY RUBBER

See Soluble Element and its corresponding Maximum Allowable Limit in Result Table	Category I	Pliable modelling materials or other solid materials intended to leave a trace appearing in the toy
	Category II	Liquid paints/inks and other similar materials appearing as such in the toy (e.g. bubble solution), and glue sticks
	Category III	Coatings, polymeric materials (e.g. plastics), paper, textiles, glass, ceramic, metallic, wood and other solid materials

Test Item(s)	Unit	Permissible Limit	Result
Category Type	-	III	III
Aluminium (Al)	mg/kg	28130	ND
Antimony (Sb)	mg/kg	560	ND
Arsenic (As)	mg/kg	47	ND
Barium (Ba)	mg/kg	18750	ND
Boron (B)	mg/kg	15000	ND
Cadmium (Cd)	mg/kg	17	ND
Chromium III (Cr III)	mg/kg	460	ND
Chromium VI (Cr VI)	mg/kg	0.053	ND
Cobalt (Co)	mg/kg	130	ND
Copper (Cu)	mg/kg	7700	ND
Lead (Pb)	mg/kg	23	ND
Manganese (Mn)	mg/kg	15000	ND
Mercury (Hg)	mg/kg	94	ND
Nickel (Ni)	mg/kg	930	ND
Selenium (Se)	mg/kg	460	ND
Strontium (Sr)	mg/kg	56000	ND
Tin (Sn)	mg/kg	180000	1.01
Organic tin	mg/kg	12	ND
Zinc (Zn)	mg/kg	46000	6.9
Conclusion	-	-	PASS

Note:

- mg/kg = milligram per kilogram
- ND = Not Detected
- Reporting limit for Cr (III), Cr (VI) = 0.02 mg/kg, and for Organic Tin = 0.9 mg/kg
- Reporting limit for Pb = 1.0 mg/kg, for As, Cd = 0.5 mg/kg
- Reporting limit for Al, Sb, Ba B, Co, Hg, Cu, Mn, Ni, Se, Sr, Zn, Sn = 5.0 mg/kg
- Confirmation test of chromium (III) is not required in case of chromium does not exceed their requirements as specified in EN 71-3:2019+ A2: 2024.

Remark:

- Test Item(s) was (were) tested according to European Standard EN 71-3:2019+ A2: 2024, Section 8.
- Results of Cr III and Cr VI were reported as sum of soluble chromium content unless further verified.
- Result(s) of organic tin was (were) calculated by assuming the soluble tin content was wholly contributed from tributyltin (TBT) cation unless further specified.
- The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.



Report No. 010224010218R1

DATED: 02 APRIL 2025

END OF REPORT

This report sets forth our findings solely with respect to the test samples identified herein. The results in this report are not representative of the quality or characteristics of the lot/batch from which a test sample was taken or any similar or identical product unless specifically and expressly noted. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client, GIC Testing & Inspection Services Pte. Ltd. therefore assumes no responsibility for the accuracy of information on the brand name, model/ style number, consignment or any information supplied. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.

GICG - ENABLING TRUST IN A CHANGING WORLD