



# TEST REPORT

Report No. 010224120130

DATED: 27 JANUARY 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** : 3Y+

**Manufacturer** : /

**Country of Origin** : THAILAND

**Country of Destination** : /

**Test Sample Received** : RECEIVED 20/01/2025

**Test Period** : FROM 20/01/2025 TO 27/01/2025

| 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+A1:2021 – MIGRATION OF CERTAIN ELEMENTS      | PASS       | -      |

Remark:

1. The sample is tested “3Y+” as per client requested.
2. The Labeled Age Grade is 3Y+.

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:

**MOHAMED RIDZUAN**  
TESTING ENGINEER

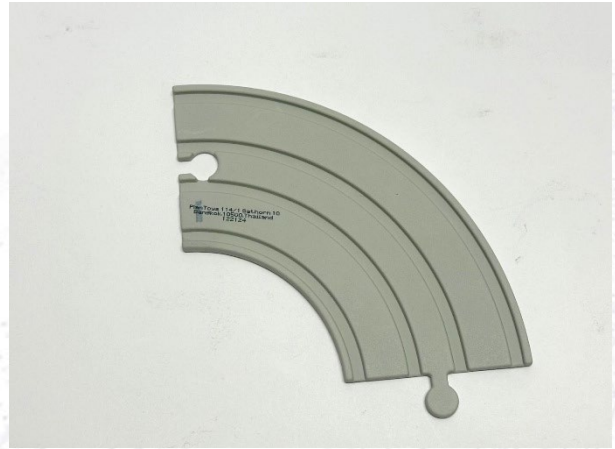
APPROVED BY:

**WONG KOK LEONG**  
ASSISTANT MANAGER

**GIC Testing & Inspection Services Pte Ltd**

158 Kallang Way #08-01  
Singapore 349245

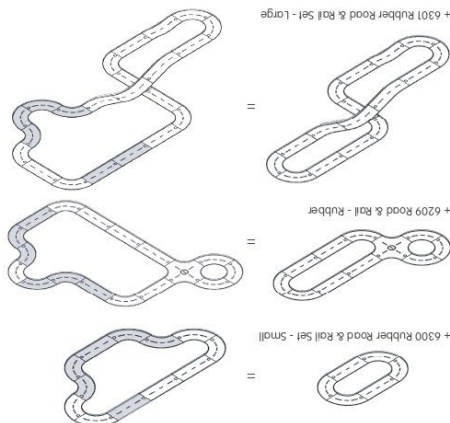
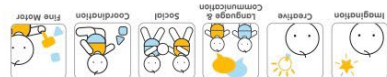
SAMPLE PHOTO



## SAMPLE PHOTO



### Warning

[illegible]

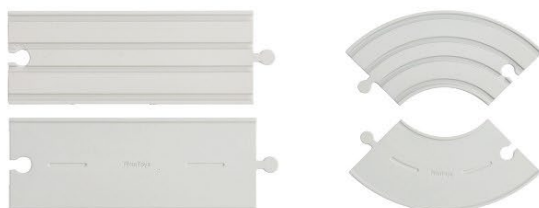
## Sustainable Play



## Sustainable Play



## Sustainable Play



6325 Rubber Road & Rail Extension Tracks - Set C  
3y+



PLAN CREATIONS CO., LTD.  
51 Soi Charoen Krung 69, Charoen Krung Road,  
Yannawa, Sathon, Bangkok 10120  
Sustainably made in Thailand

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



8 854740 063250  
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Las especificaciones pueden variar de imagen.

121924



## SAMPLE PHOTO



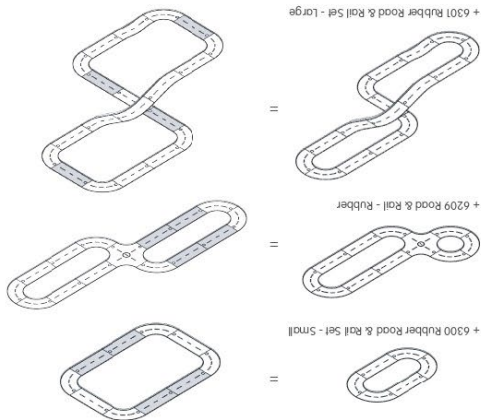
コート＆レールズAー 拡張A  
拡張道路は遊びの幅を広げます。柔らかないこみの両面道路で自在に街を広げてください。直線両面道路4本のセットで、他のフライングボールシリーズと併せて遊べます。

**Extensión de Kieles de Caucho para Carreteras y Kieles - Juego A**  
Estas pistas de extensión pueden agregarse a la infraestructura de juego de su ciudad! La flexibilidad del caucho permite a los niños crear caminos y diseños de transporte únicos. Este juego viene con 4 cargas de goma rectas de dos lados. Compatible con otros sistemas de transporte de la serie PlanWorld.

**Rails & Routes en Caoutchouc - Extension A**  
La flexibilité de notre caoutchouc 100% naturel permet aux enfants de créer des infrastructures urbaines uniques pour jouer. Cet ensemble comprend 4 éléments droits réversibles #rails/routes/en caoutchouc.

**Straßen und Schienen Erweiterung Set A**  
Diese Erweiterungssatz kann der Spielinfrastruktur 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 zweifelhin geraden Gummistrassen, kompatibel mit anderen Transportsystemen der PlanWorld-Serie.

**Rubber Road & Rail Extension Tracks - Set A**  
These Extension Tracks can add even more dynamic to your city's play infrastructure! The flexibility of the rubber allows kids to create unique pathways and transportation designs. This set comes with 4 two-sided straight rubber tracks. Compatible with other transportation systems in the PlanWorld series.

6323 Rubber Road & Rail  
Extension Tracks - Set A

## Sustainable Play



## Sustainable Play



## Sustainable **Play**



6323

Rubber Road & Rail Extension Tracks - Set A  
3y+



product info



PLAN CREATIONS CO., LTD.  
51 Soi Charoen Krung 69, Charoen Krung Road,  
Yannawa, Sathon, Bangkok 10120  
Sustainably made in Thailand

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

Conforms to  
ASTM



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121924





# Report No. 010224120130

DATED: 27 JANUARY 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 TRACKS SET C / SET A / SET B

## Components

**EN 71-3:2019+A1:2021 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. 010224120130

DATED: 27 JANUARY 2025

## TEST RESULT(S):

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

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

| Test Item(s) | Item / Component Description(s)                                          |  |
|--------------|--------------------------------------------------------------------------|--|
| 1            | 6325/6323/6324 RUBBER ROAD & RAIL EXPANSION TRACKS SET C / SET A / SET B |  |

| 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                         | NA            |
| 5.1    | General requirements                                               | NA            |
| 5.2    | Soft-filled toys and soft-filled parts of a toy                    | NA            |
| 5.3    | Plastic sheeting                                                   | NA            |
| 5.4    | Cords, chain and electrical cables in toys                         | NA            |
| 5.5    | Liquid-filled toys                                                 | NA            |
| 5.6    | Speed limitation of electrically-driven ride-on toys               | NA            |
| 5.7    | Glass and porcelain                                                | NA            |
| 5.8    | Shape and size of certain toys                                     | NA            |
| 5.9    | Toys comprising monofilament fibres                                | NA            |
| 5.10   | Small balls                                                        | NA            |
| 5.11   | Play figures                                                       | NA            |
| 5.12   | Hemispheric-shaped toys                                            | NA            |
| 5.13   | Suction cups                                                       | NA            |
| 5.14   | Straps intended to be worn fully or partially around the neck      | NA            |
| 5.15   | Sledges with cords for pulling                                     | NA            |
| 6      | Packaging                                                          | NA            |
| 7      | Warning, instructions for use                                      | M<br>7.1, 7.2 |

Note:

M = Meet

NR = Not Requested

NM = Not Meet

NT = Not Tested

NA = Not Applicable

NP = Not Present

R = Refer to Comment Section



# Report No. 010224120130

DATED: 27 JANUARY 2025

## TEST RESULT(S): (Continued)

### 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 TRACKS SET C / SET A / SET B |  |

| 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

### EN 71-3:2019+A1:2021 – Migration of Certain Elements

Test Method : Reference to BS EN 71-3:2019+A1:2021 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    |
| Aluminum (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   |





## TEST RESULT(S): (Continued)

Note:

- mg/kg = milligram per kilogram - ND = Not Detected
- Reporting limit for Cr (III), Cr (VI) = 0.02 mg/kg, and for Tin and 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 = 10.0 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+A1:2021.

Note:

- Test Item(s) was (were) tested according to European Standard EN 71-3: 2019 + A1: 2021, 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.

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### END OF REPORT

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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.