

**FUGRO TECHNICAL SERVICES LIMITED**

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**Materialab**

Client Ref. : --  
Report No. : 153452ST150673

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## REPORT ON DETERMINATION OF THE COEFFICIENT OF DYNAMIC FRICTION OF ROLLERS WITH ALUMINUM PLATE

**Information Supplied by Client**

Client : Easyroll Technology (Hong Kong) Ltd.  
Project : Testing of the Rollers with Aluminum Plate  
Sample Description : Aluminum plate (Air Pallet PMC)

**Laboratory Information**

Lab. Sample I.D. : ST150673/1-8  
Date Received : 30 July 2015  
Date Tested : 20 August 2015  
Test Method : In-house method : STMS-3634C  
Vertical Load : 50 lbs

**Aluminum Roller**

| Lab. Sample I.D. | Number of ReadingTime | Pull out force (N) |               |
|------------------|-----------------------|--------------------|---------------|
|                  |                       | Dry Condition      | Wet Condition |
| ST150673/1-4     | 1                     | 10                 | 8             |
|                  | 2                     | 10                 | 8             |
|                  | 3                     | 11                 | 8             |
|                  | Average               | 10.33              | 8             |

**Composite Nylon Roller**

| Lab. Sample I.D. | Number of ReadingTime | Pull out force (N) |               |
|------------------|-----------------------|--------------------|---------------|
|                  |                       | Dry Condition      | Wet Condition |
| ST150673/5-8     | 1                     | 17                 | 18            |
|                  | 2                     | 16                 | 19            |
|                  | 3                     | 17                 | 18            |
|                  | Average               | 16.66              | 18.33         |

Remarks: 1.) The test results relate only to the sample tested.  
2.) The test configuration is shown in the photograph on page 2 of this report.

Checked by :  Date : 25 AUG 2015 Certified by :  Date : 25 AUG 2015

Ng Shu Shing Chris  
Assistant Manager (Product Testing Laboratory)

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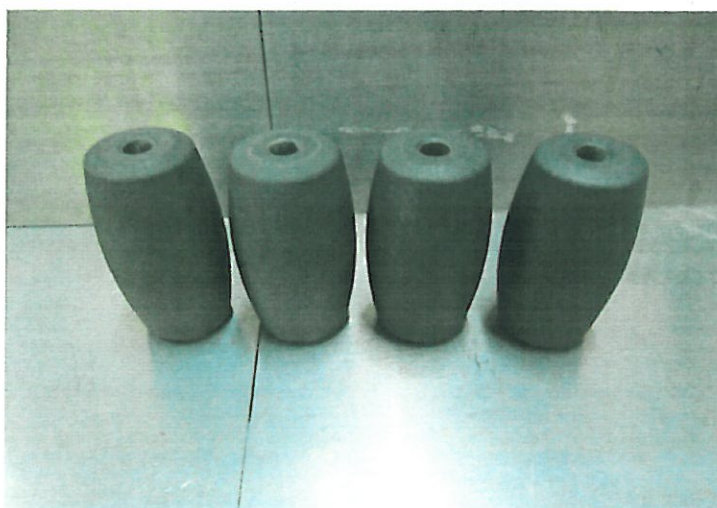
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Test Sample  
Sample I.D.: ST150673/1-4



Test Sample  
Sample I.D.: ST150673/5-8

**\*\* End of Report \*\***