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TEST REPORT

FOR REFERENCE ONLY

Report No : **MGT/TR0305-02/10**

Submitted To : PERCEPTIVE PROFILE SDN. BHD.
PT 19251, PERSIARAN BATU GAJAH PERDANA 10,
TAMAN PERINDUSTRIAN GAJAH PERDANA,
31550 PUSING, PERAK DARUL RIDZUAN.
(ATTN : MR. CHEAH CHOONG YUEH)

Your Reference : MGT/QT/031/2010

Project No. : TP0365

Part/Sample Identification : **WOOD PLASTIC COMPOSITE**
a) SAMPLE A1
b) SAMPLE B1
c) SAMPLE C1

Sample Received Date : 23 February 2010

Test Method/Specification : In-House Method MGT/002/ES-X 60410 (Rev 2)

Issued Date : 25 February 2010

Authorised Signatory,

(MUHAMMAD FADZLY HJ MISBAH)
Operation Manager,
Component & Material Testing Division

Approved Signatory,

(SUHAIMI HJ LATIP)
General Manager,
Maqna Glokal Technologies Sdn Bhd

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Part/Sample Tested : WOOD PLASTIC COMPOSITE

1.0 INTRODUCTION

The tested sample identified as "**WOOD PLASTIC COMPOSITE**" were submitted by Perceptive Profile Sdn Bhd for testing according to In-House Method MGT/002/ES-X 60410 (Rev 2) based on ES-X 60410 (CL Q) specification.

2.0 SAMPLE IDENTIFICATION

| No | Sample Name/Identification | Test Method/Test Specification |
|----|----------------------------|---|
| 1. | WOOD PLASTIC COMPOSITE | In-House Method MGT/002/ES-X 60410 (Rev 2) based on ES-X 60410 (CL Q) |

3.0 SUMMARY OF TEST RESULTS

| No | Test Item | Judgment |
|----|---|----------------------------------|
| 1. | Flammability (Normal State) a) Sample A1 b) Sample B1 c) Sample C1 | Complied Complied Complied |

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Part/Sample Tested : **WOOD PLASTIC COMPOSITE**

4.0 Flammability - Normal State

4.1 Test Method : In-House Method MGT/002/ES-X 60410 (Revision 2) Clause 4.3 based on ES-X 60410 (Rev Q)

4.2 Test Description/Test Method

4.2.1 Specimen Size : (350 x 100)mm

4.2.2 Flame Height : 38mm

4.2.3 Burned Length : 254mm

Note 1 :- Uncertainty Of Measurement : ±23.17mm/min

4.3 Test Results

| No | Test Requirement | Test Results/Observation | Judgment | Remarks |
|----|--|--------------------------|----------|--|
| 1. | Sample A1 Burn Rate 80mm/min maximum | Burn Rate / | Complied | Sample incombustible* Refer Figure 1 |
| 2. | Sample B1 Burn Rate 80mm/min maximum | Burn Rate / | Complied | Sample incombustible* Refer Figure 2 |
| 3. | Sample C1 Burn Rate 80mm/min maximum | Burn Rate / | Complied | Sample incombustible* Refer Figure 3 |

* Note 2 : Incombustible means test sample did not commences any burning.

4.4 Figures & Attachments

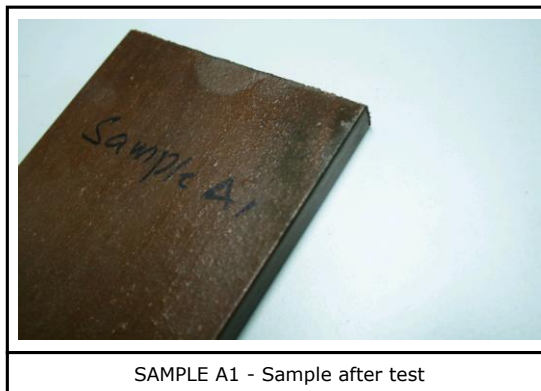
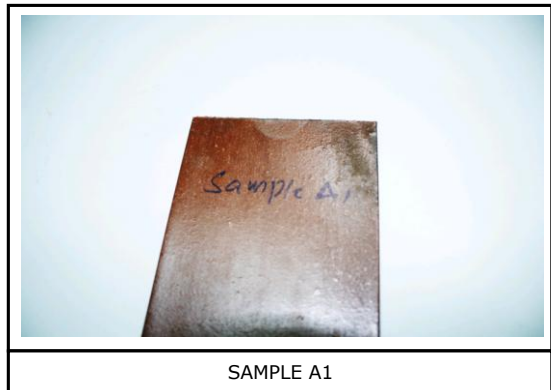
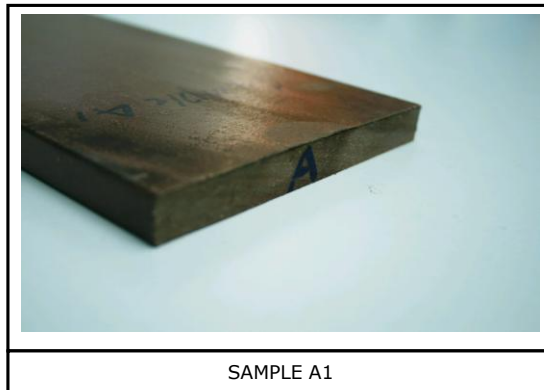


Figure 1 : Wood Plastic Composite (Sample A1)

REFERENCE ONLY

Part/Sample Tested : WOOD PLASTIC COMPOSITE



SAMPLE B1

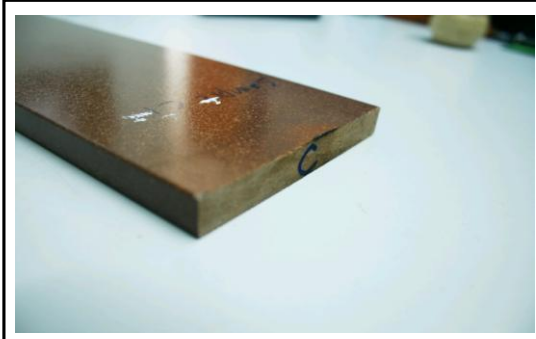


SAMPLE B1



SAMPLE B1 - Sample after test

Figure 2 : Wood Plastic Composite (Sample B1)



SAMPLE C1



SAMPLE C1



SAMPLE C1 - Sample after test

Figure 3 : Wood Plastic Composite (Sample C1)