

TL-RP-CHE-002_15-02-19 Rev.1

TEST REPORT

AMORNMONGKOL COMPANY LIMITED
 71/113 Moo 13, Soi Mahachai, Bangna-Trad KM.10 Rd,
 Bangphli Yai, Bangphli,
 Samutprakarn 10540 Thailand

FAO: Mr. Rungson Im-Em

REPORT OF TESTS ON METAL SHEET



Your Reference METAL SHEET: SN-SP-14-300x300-YL
 Colour/Details: Yellow/100x100mm
 Article Number: -
 Sample Number 2100339 – 2100351

Date Reported 30-04-2021 Order/Job No. TL21-0023/6
 Date Received 22-03-2021 Dates of Test 25-03-2021 to 23-04-2021

DETERMINATION OF CHEMICAL RESISTANCE

In-House Method: CTEC-TL-CHE-001

Test Specimens:

1 x Metal Sheet: SN-SP-14-300x300-YL

Test:

Resistance to chemical of metal sheet, documented In-House Method CTEC-TL-CHE-001

Procedure

The test pieces are placed, at room temperature, with a surface level, uppermost, clean and dry. One or two spots, not less than 10 mm diameter, of each of the chemicals listed in the table are then placed on the test surface and allowed to dry for the lengths of time stated; the solutions are all aqueous. Any residue is then removed with a clean cloth which has been moistened with distilled water only. Visual comparison was made between tested and untested areas, where applicable, using a viewing cabinet having artificial daylight illumination.

Results

| Sample Number | Test solution used | Test period | Results |
|---------------|----------------------------|-------------|-------------------|
| 2100339 | Hydrochloric acid, 5% v/v | 30 days | No visible change |
| 2100340 | Hydrochloric acid, 10% v/v | 5 days | A loss of gloss |
| 2100341 | Hydrochloric acid, 36% v/v | 18 days | Discoloration |
| 2100342 | Nitric acid, 5% v/v | 5 days | Discoloration |
| 2100343 | Nitric acid, 10% v/v | 10 days | Discoloration |
| 2100344 | Sulfuric acid, 5% v/v | 5 days | Discoloration |
| 2100345 | Sulfuric acid, 10% v/v | 10 days | Discoloration |
| 2100346 | Sulfuric acid, 20% v/v | Immediately | No visible change |
| 2100347 | Sodium hydroxide, 5% w/v | 30 days | No visible change |
| 2100348 | Sodium hydroxide, 10% w/v | 30 days | No visible change |
| 2100349 | Sodium hydroxide, 20% w/v | 30 days | No visible change |
| 2100350 | Citric, 5% w/v | 24 hrs | No visible change |
| 2100351 | Hydrogen peroxide, 0.3M | 24 hrs | No visible change |

Samples selected and prepared by customer

End of Test Report


 Savitree Kongkeatvanit
 Authorised Signatory

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