

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-24-300x300-YL
 Colour/Details: Yellow/100x100mm.

Article Number: -
 Sample Number 2100326 – 2100338

Date Reported 30-04-2021 Order/Job No. TL21-0023/5
 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-24-300x300-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
2100326	Hydrochloric acid, 5% v/v	30 days	No visible change
2100327	Hydrochloric acid, 10% v/v	5 days	A loss of gloss
2100328	Hydrochloric acid, 36% v/v	18 days	Discoloration
2100329	Nitric acid, 5% v/v	5 days	Discoloration
2100330	Nitric acid, 10% v/v	10 days	Discoloration
2100331	Sulfuric acid, 5% v/v	5 days	Discoloration
2100332	Sulfuric acid, 10% v/v	10 days	Discoloration
2100333	Sulfuric acid, 20% v/v	Immediately	No visible change
2100334	Sodium hydroxide, 5% w/v	30 days	No visible change
2100335	Sodium hydroxide, 10% w/v	30 days	No visible change
2100336	Sodium hydroxide, 20% w/v	30 days	No visible change
2100337	Citric, 5% w/v	24 hrs	No visible change
2100338	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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