



RAINBOW

BAKING ENAMEL

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| PRODUCT NUMBER | 1101 / 1102 / 1104 / 1117 / 1119 |
| TYPE | The low temperature baking enamel based on short-oil alkyd resin and melamine resin with weather resistant pigment. |
| USES | Used for vehicles, agricultural machineries, electronic ware, steel furniture and general tools etc. |
| CHARACTERISTICS | <ol style="list-style-type: none">1. Tough film and smooth appearance.2. Excellent adhesion and abrasion resistance.3. Excellent weather resistance and gloss and color retention.4. Excellent resistance to oils and solvents.5. Excellent resistance to water and chemicals such as salts, acids, alkalis etc. |
| GLOSS | Above 90% No. 1119 : flat |
| COLOR | Desired colors |
| HIDING POWER | Above 8.0 m ² /L (depending on colors) |
| MASS DENSITY | Above 0.9 Kg/L |
| HARDNESS | Above 26 (Sward) |
| CROSS-CUT TEST | Adhesive rate 100/100 based on sample piece of one square millimeter scratch |
| IMPACT RESISTANCE STRENGTH | φ 12.5 mm × 0.3 kg × 50 cm × 0.8 mm steel : no cracks |
| VISCOSITY | 65~75 KU (25°C) |
| DRYING TIME | Dry hard 30 minutes (120°C) |
| FILM THICKNESS | Wet 90 microns Dry 25 microns |
| THEORETICAL COVERAGE | 42.0 m ² /Gal 11.1 m ² /L 12.3 m ² /Kg |
| VOLUME SOLIDS | Above 28% |
| THINNER | No.1112 Baking Enamel Thinner (or Xylene) |
| THINNING RATE | 20~30% (Cleaning tools excluded) |
| SUBSEQUENT COATING | No.1106 Baking Varnish |
| STORAGE SHELF LIFE | Minimum 1 year under normal storage conditions. |
| APPLICATION METHOD | Spray, Electrostatic spray. |
| NOTE | <ol style="list-style-type: none">1. Use specified thinner to dilute the paint to reach standard spraying viscosity (Ford cup #4) 16± 2 seconds.2. Adhered moisture, grease and dust on the substrate must be cleaned thoroughly.3. After applying, keep static about 10~15 minutes in room temperature, until the solvent within paint film vaporizes thoroughly, and then baking in accordance with baking temperature and time. (Standard baking temperature and time : 120± 5°C , 30 minutes) |

EPDM111102XX V1.0

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