



RAINBOW

BAKING ENAMEL

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)

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